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November 1992

Electronic Market
TRENDS

The Authoritative Source for
Economic Information and Analysis
on the U.S. Electronics Industry

ELECTRONIC INDUSTRIES ASSOCIATION
EIA
EST. 1924

Contains:
September 1992 Factory Shipment Data
August 1992 Electronics Trade Data

TRENDS

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The Electronic Industries Association (EIA) has been the national trade organization representing U.S. electronics manufacturers since 1924. Committed to the competitiveness of the American producer, EIA represents the entire spectrum of companies involved in the manufacture of electronic components, parts, systems, and equipment for communications, industrial, government, and consumer-end uses.

The EIA Marketing Services Department is recognized as THE authoritative source of statistical and analytical information on the U.S. electronic industries.

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Important Notice:

In December, more than 3.5 million American businesses will receive 1992 Economic Census questionnaires from the U.S. Census Bureau. The due date for returning the forms in February 15, 1993 and firms receiving the forms are required by law to respond.

This Census is taken every five years, and is a useful tool to identify trends in the American economy. The data will be used by government agencies, individual businesses, associations, news media and others to get an in-depth look at industry sectors which represent about 98 percent of all economic activity in the U.S., including: manufacturing, retail and wholesale trade, service industries, transportation, mining, and construction industries.

The Electronics Industries Association urges your company or firm to participate in these important surveys. If you think your company is not directly affected by a lack of participation in them you are wrong.

U.S. Electronics Industry Summary

U.S. Factory Sales September 1992

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales[1]	23,979	23,537	1.9%	27,293	25,570	6.7%	208,892	198,209	5.4%

Electronics Foreign Trade Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports[2]	7,561	7,382	2.4%	7,706	6,578	17.1%	55,532	48,890	13.6%
Exports[3]	6,145	6,388	-3.8%	5,920	5,728	3.4%	49,865	47,972	3.9%
Balance	(1,416)	(994)	42.5%	(1,786)	(850)	NA	(5,668)	(918)	NA

Bilateral Trade Summary August 1992

(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	19,099	34.3%	5,266	10.5%	(13,833)
Canada	4,231	7.6%	8,472	17.0%	4,241
Singapore	5,099	9.2%	2,453	4.9%	(2,646)
Mexico	3,648	6.6%	3,663	7.3%	15
Taiwan	5,035	9.0%	2,038	4.1%	(2,997)
S. Korea	3,592	6.5%	1,752	3.5%	(1,840)
U.K.	1,510	2.7%	3,839	7.7%	2,329
Germany	1,679	3.0%	3,389	6.8%	1,710
Malaysia	3,373	6.1%	1,395	2.8%	(1,978)
France	698	1.3%	1,886	3.8%	1,188
Other	7,686	13.8%	15,781	31.6%	8,095

Electronics Employment Summary August 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.
PRODUCTION WORKERS	845.5	847.1	-0.2%	845.9	887.6	-4.7%
ALL EMPLOYEES	1,796.9	1,807.0	-0.6%	1,799.7	1,902.9	-5.4%
HOURLY WAGE INDEX	NA	NA		117.2	112.9	3.8%

Electronics Producer Price Index September 1992

(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX[4]	93.9	95.9	-2.0%	94.1	-0.2%

U.S. Electronics Economic Summary

Seasonally adjusted factory sales of electronics rose 1.9% from August, and 6.7% from the prior year. Factory sales grew 5.2% from third quarter 1991 and increased at an annualized rate of 5.7% from the second quarter of 1992.

August imports of electronics increased 2.4% from July, but exports fell, dropping 3.8%

Employment totaled 1.8 million in August, 47% of those being production workers.

The composite factory price index dropped 0.2% in September from the prior month and 2% from the prior year. Prices have declined at an annualized rate of 2.3% thus far in 1992.

Electronic Components
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,051	4,802	5.2%	5,329	4,893	8.9%	43,406	41,795	3.9%
New Orders	5,347	4,939	8.3%	5,345	4,646	15.0%	44,053	41,814	5.4%
Production	5,100	4,870	4.7%	5,292	4,722	12.1%	43,555	41,639	4.6%
Inventory	8,092	8,044	0.6%	8,125	8,460	-4.0%	NA	NA	
Unfilled Orders	13,364	13,068	2.3%	13,069	12,168	7.4%	NA	NA	
Book/Bill Ratio	1.06	1.03	2.9%	1.00	0.95	5.6%	NA	NA	
Inv/Sales Ratio	1.60	1.67	-4.4%	1.52	1.73	-11.8%	NA	NA	
Unf/Sales Ratio	2.65	2.72	-2.8%	2.45	2.49	-1.4%	NA	NA	
Prod/Sales Ratio	1.01	1.01	-0.4%	0.99	0.96	2.9%	NA	NA	

Electronic Components Economic Summary

Factory sales of components increased sharply in September, rising 5.2% to their highest level of the year. Sales increased at an annualized rate of 15% in the third quarter compared to the previous quarter, while total third quarter sales increased 5.2% from the prior year. New orders also rose to their highest level of 1992 in September and rose at an annualized rate of 27% in the third quarter.

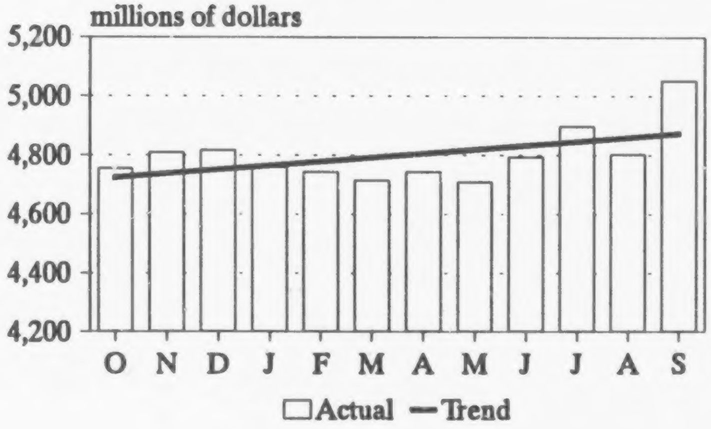
Imports of components gained 2.7% in August. Exports meanwhile, fell 4.6%, primarily due to a 7.4% drop in solid state exports.

The number of employees in the components industry dropped 3.1% in August from the prior year, while the number of production workers fell 2.0%.

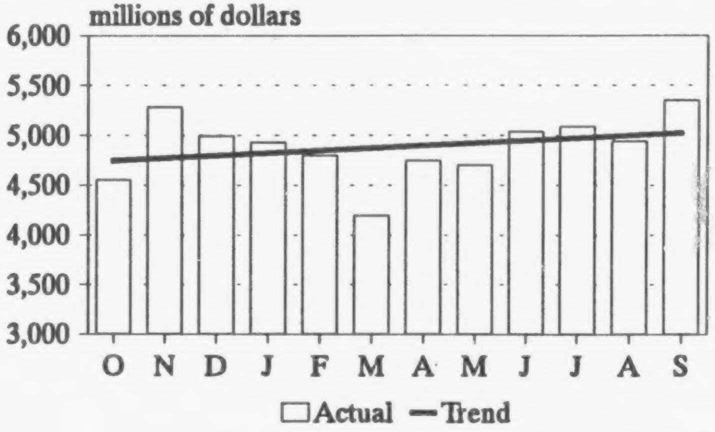
Electronics Components U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

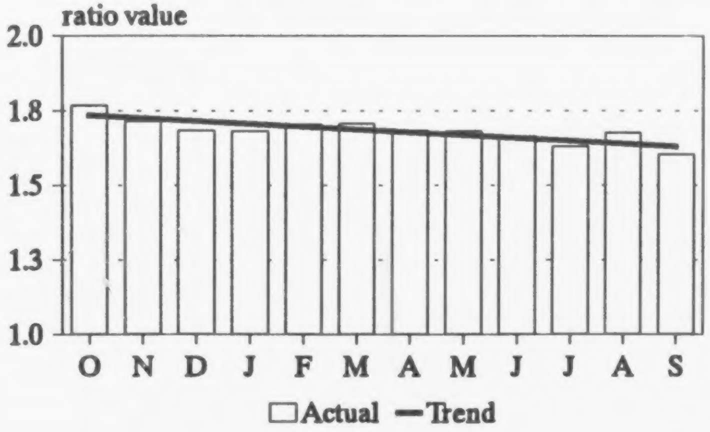
Factory Sales



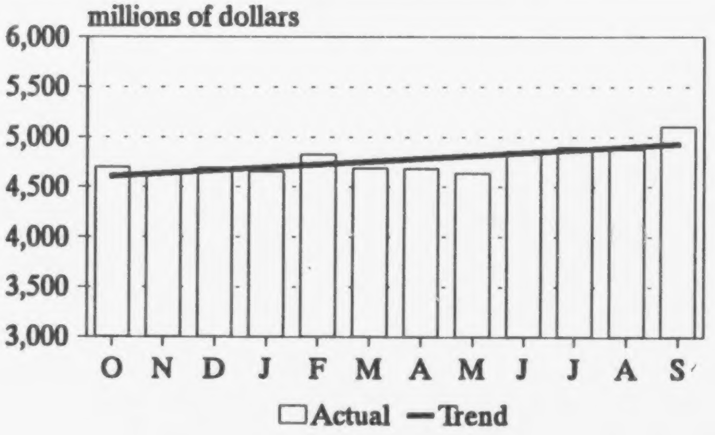
New Orders



Inventory/Sales Ratio



Production



Electronic Components Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	48	47	2.1%	51	49	4.1%	418	344	21.5%
Passive Components	747	721	3.6%	749	698	7.3%	5,752	5,777	-0.4%
Solid State Products	1,264	1,237	2.2%	1,269	1,097	15.7%	9,954	8,510	17.0%
Total Components	2,059	2,005	2.7%	2,069	1,844	12.2%	16,124	14,631	10.2%
EXPORTS									
Electron Tubes	59	52	13.5%	60	52	15.4%	439	431	2.0%
Passive Components	439	430	2.1%	449	502	-10.6%	3,741	3,840	-2.6%
Solid State Products	1,285	1,387	-7.4%	1,285	1,187	8.3%	10,299	9,622	7.0%
Total Components	1,783	1,869	-4.6%	1,794	1,741	3.0%	14,479	13,893	4.2%
BALANCE									
Electron Tubes	11	5	NA	9	3	NA	21	86	-75.7%
Passive Components	(308)	(291)	5.8%	(300)	(196)	53.1%	(2,010)	(1,937)	3.8%
Solid State Products	21	150	NA	16	90	-82.2%	345	1,113	-69.0%
Total Components	(276)	(136)	102.9%	(275)	(103)	167.0%	(1,644)	(738)	122.8%

Import/Export Country Summary August 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	4,477,092	27.8%	Canada	3,088,510	21.3%
Canada	1,804,204	11.2%	Mexico	1,450,224	10.0%
Mexico	1,582,915	9.8%	Singapore	1,177,697	8.1%
S. Korea	1,427,699	8.9%	Japan	1,135,424	7.8%
Malaysia	1,381,975	8.6%	Malaysia	1,095,715	7.6%
Taiwan	1,315,391	8.2%	Taiwan	993,672	6.9%
Singapore	1,106,883	6.9%	U.K.	870,721	6.0%
Phillipines	525,684	3.3%	S. Korea	694,625	4.8%
Germany	435,994	2.7%	Hong Kong	678,909	4.7%
Hong Kong	435,602	2.7%	Phillipines	426,784	2.9%
Other	1,631,927	10.1%	Other	2,868,432	19.8%

Import/Export Product Summary August 1992

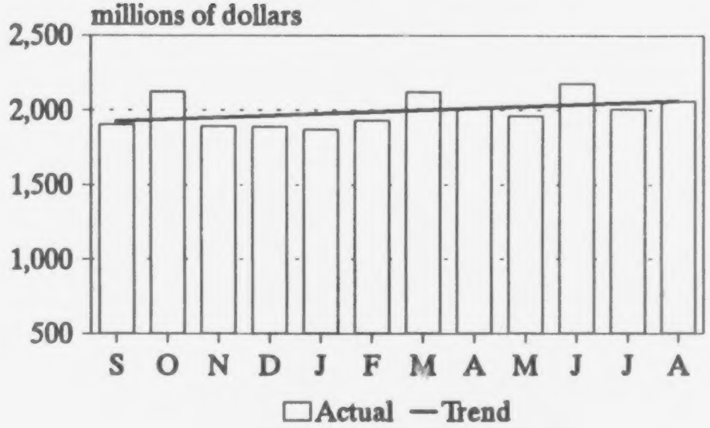
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	36,301	38,885	2,584	306,562	286,896	(19,666)
Receiving Tubes	46	474	429	1,890	4,432	2,542
Power and Special Purpose Tubes	14,426	20,628	6,202	110,245	147,774	37,529
Capacitors	49,189	49,059	(130)	396,391	384,026	(12,365)
Resistors	34,139	17,206	(16,932)	251,646	140,726	(110,919)
Relays	37,413	26,253	(11,160)	283,817	220,905	(62,913)
Connectors	45,214	30,889	(14,324)	340,838	239,698	(101,140)
Electronic Wire	81,789	77,363	(4,427)	632,546	699,438	66,892
Transformers	13,326	3,437	(9,889)	94,938	26,907	(68,031)
Power Supplies	87,981	11,923	(76,058)	668,766	90,800	(577,966)
Printed Circuits and Boards	98,673	76,406	(22,268)	863,706	787,484	(76,223)
Parts of TV/Audio Apparatus	212,274	123,244	(89,030)	1,563,363	899,829	(663,534)
Indicator Panels	32,485	5,539	(26,946)	245,177	31,694	(213,483)
Switches	14,884	2,444	(12,441)	112,043	18,982	(93,061)
Piezoelectric Crystals	14,235	4,221	(10,015)	106,782	31,643	(75,138)
Other Parts	27,582	21,360	(6,222)	192,730	169,699	(23,031)
Integrated Circuits						
EPROMs	58,476	20,952	(37,524)	391,120	175,721	(215,399)
Microprocessors	90,020	105,558	15,538	630,802	850,470	219,668
DRAMs	289,014	132,863	(156,151)	2,268,843	954,416	(1,314,427)
SRAMs	48,936	18,989	(29,947)	423,404	181,734	(241,670)
Analog	106,893	55,416	(51,478)	842,104	460,988	(381,116)
Other	418,161	286,635	(131,526)	3,379,126	2,206,648	(1,172,478)
Diodes	31,528	13,305	(18,224)	245,195	118,334	(126,861)
Transistors	45,437	5,036	(40,401)	354,879	42,389	(312,490)
Chips, Wafers, and Parts all Types	152,431	625,150	472,719	1,201,964	5,148,321	3,946,357
Other Semiconductor Devices	27,368	15,703	(11,665)	206,231	127,616	(78,615)
Solar Cells	1,036	5,811	4,775	10,259	33,146	22,886
Total	2,069,257	1,794,748	(274,509)	16,125,366	14,480,713	(1,644,653)

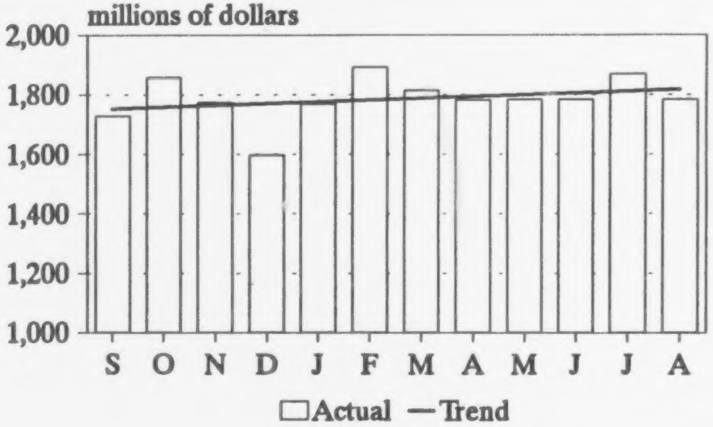
Electronic Components Trade Trends August 1992

(all data seasonally adjusted)

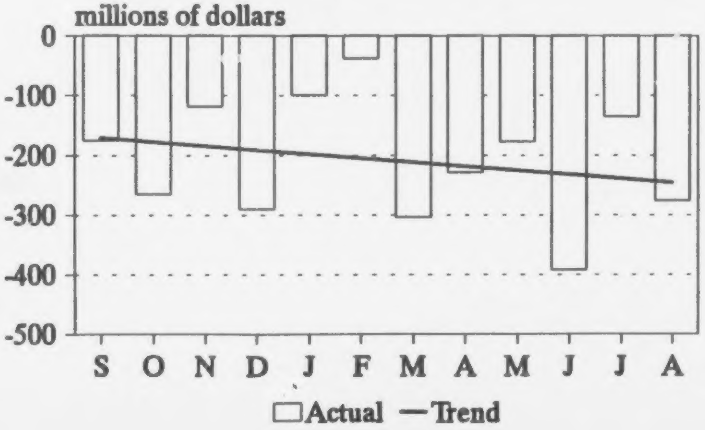
Imports



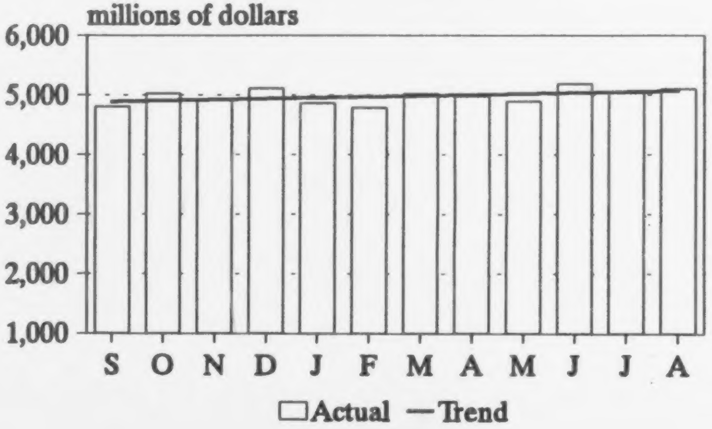
Exports



Balance of Trade



Consumption



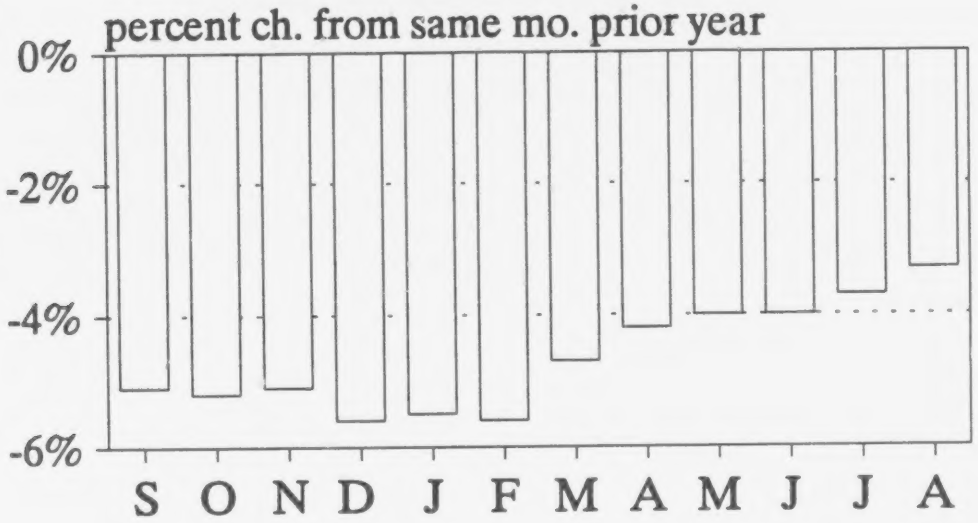
Electronic Component Employment August 1992
(thousands of workers)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	345.3	352.5	-2.0%	347.5	-0.6%
Electron Tubes	17.0	18.4	-7.6%	17.1	-0.6%
Semiconductors	93.7	92.5	1.3%	94.0	-0.3%
Other	234.6	241.6	-2.9%	236.4	-0.8%
ALL EMPLOYEES	593.7	612.9	-3.1%	597.1	-0.6%
Electron Tubes	25.5	27.7	-7.9%	25.7	-0.8%
Semiconductors	224.4	229.7	-2.3%	225.6	-0.5%
Other	343.8	355.5	-3.3%	345.8	-0.6%
HOURLY WAGE INDEX	118.5	113.6	4.3%	118.8	-0.3%
ANNUAL SALES/EMP	$95,536	$88,168	8.4%	$95,021	0.5%

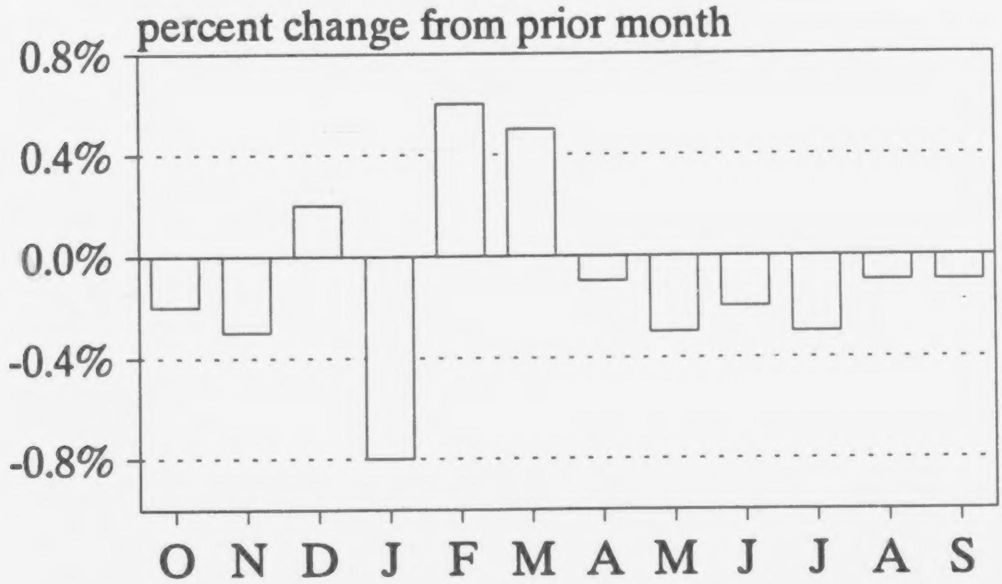
Electronic Component Producer Price Indices September 1992
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	99.1	99.9	-0.8%	99.2	-0.1%
CRTs	98.2	98.6	-0.4%	98.2	NA
Capacitors	100.5	101.5	-1.0%	100.6	-0.1%
Resistors	99.5	97.8	1.8%	102.9	-3.3%
Relays	111.7	101.7	9.8%	111.7	NA
Switches	103.7	102.5	1.1%	102.3	1.4%
Connectors	107.5	105.7	1.8%	106.7	0.8%
Filters	105.5	103.8	1.6%	105.5	0.1%
Antennae	88.5	89.5	-1.2%	88.6	-0.2%
Diodes	97.4	100.0	-2.6%	99.1	-1.7%
Transistors	98.7	99.8	-1.1%	98.7	0.1%
Semiconductors	81.8	97.6	-16.1%	94.6	-13.5%
Printed Circuits	99.7	99.5	0.2%	99.3	0.4%
Electronic Wire	99.5	100.0	-0.5%	99.2	0.3%

Electronic Components
All Employees August 1992



Electronic Components
Composite Price Index September 1992



Domestically-Produced Consumer Electronics
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales[5]	833	904	-7.9%	923	952	-3.0%	7,329	6,441	13.8%
Inventory	1,409	1,402	0.5%	1,491	1,377	8.3%	NA	NA	
Inv/Sales Ratio	1.69	1.55	9.0%	1.61	1.45	11.6%	NA	NA	

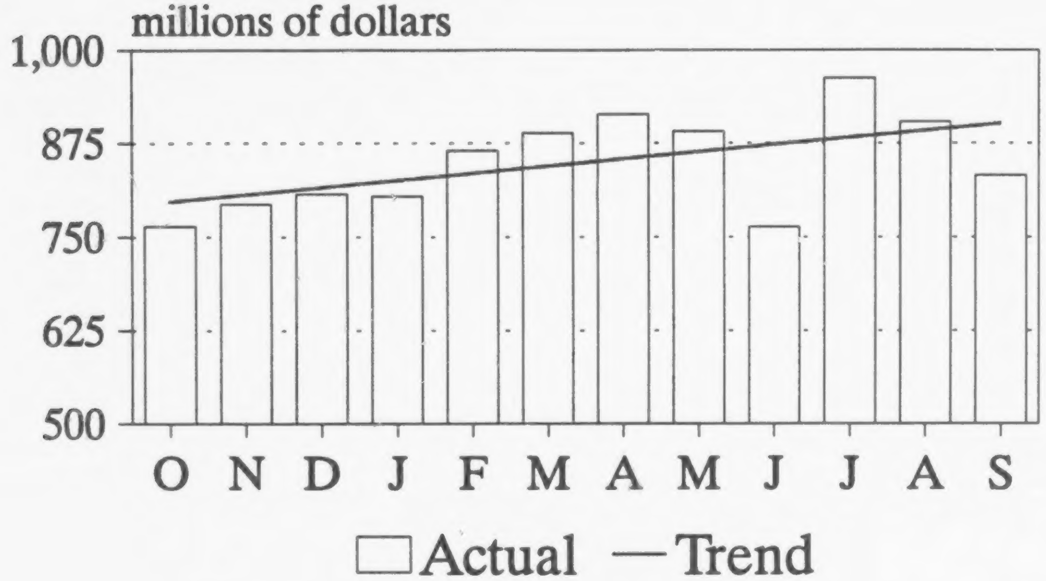
Total Consumer Electronics Sales Including Imports
September 1992

(not seasonally adjusted millions of dollars)

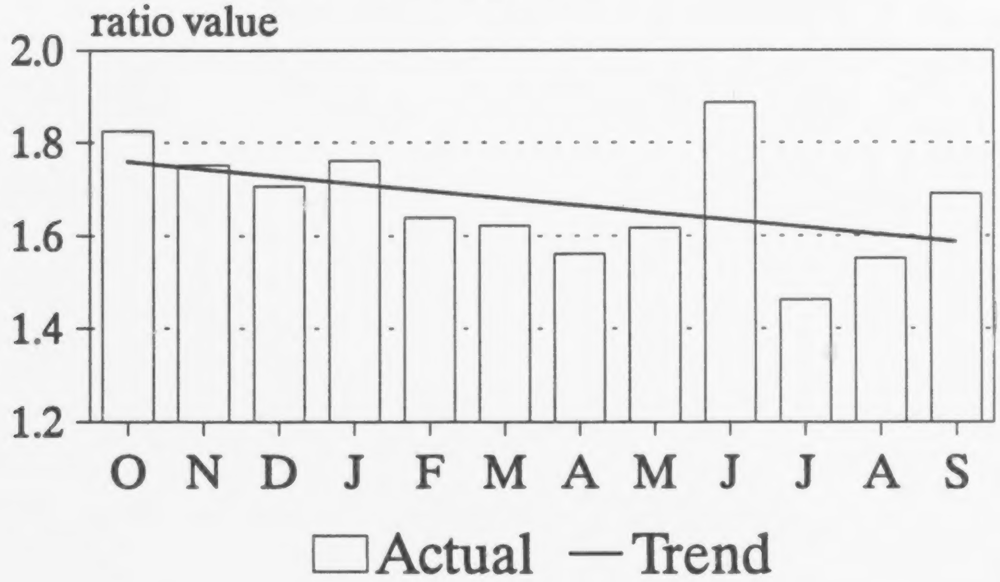
	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
VIDEO PRODUCTS	1,519	1,571	-3.3%	8,706	8,056	8.1%
Color TVs	879	854	3.0%	4,768	4,368	9.1%
VCR Decks	314	343	-8.5%	1,974	1,650	19.6%
Camcorders	193	262	-26.3%	1,252	1,408	-11.1%
Other	133	111	18.9%	713	630	13.2%
AUDIO PRODUCTS	1,029	881	16.8%	7,206	6,787	6.2%
Portable	305	232	31.3%	1,699	1,432	18.7%
Home Components	165	171	-3.5%	1,106	1,308	-15.5%
Autosound	424	346	22.4%	3,467	3,179	9.1%
Audio Systems	137	133	3.0%	933	868	7.5%
HOME INFORMATION EQUIPMENT	993	906	9.5%	7,945	7,417	7.1%
BLANK MEDIA AND ACCESSORIES	357	344	3.6%	2,971	2,879	3.2%
TOTAL[7]	3,898	3,703	5.3%	26,827	25,139	6.7%

Domestically Produced Consumer Electronics
U.S. Factory Trends September 1992

Factory Sales



Inventory/Sales



Consumer Electronics Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,397	1,429	-2.2%	1,530	1,334	14.7%	9,930	8,441	17.6%
Exports	244	265	-7.9%	240	213	12.7%	1,958	1,636	19.7%
Balance	(1,153)	(1,164)	-0.9%	(1,290)	(1,121)	15.1%	(7,971)	(6,805)	17.1%

Import/Export Country Summary August 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	4,613,067	46.5%	Canada	490,847	25.1%
Korea	1,022,204	10.3%	Mexico	311,077	15.9%
Malaysia	1,007,122	10.1%	Japan	180,103	9.2%
Mexico	966,354	9.7%	Taiwan	91,156	4.7%
China	685,960	6.9%	Germany	80,102	4.1%
Taiwan	425,355	4.3%	U.K.	73,114	3.7%
Singapore	422,441	4.3%	Netherlands	68,230	3.5%
Thailand	342,873	3.5%	Argentina	65,576	3.3%
Indonesia	93,364	0.9%	Hong Kong	54,023	2.8%
Hong Kong	81,912	0.8%	Venezuela	50,533	2.6%
Other	268,853	2.7%	Other	493,166	25.2%

Import/Export Product Summary August 1992

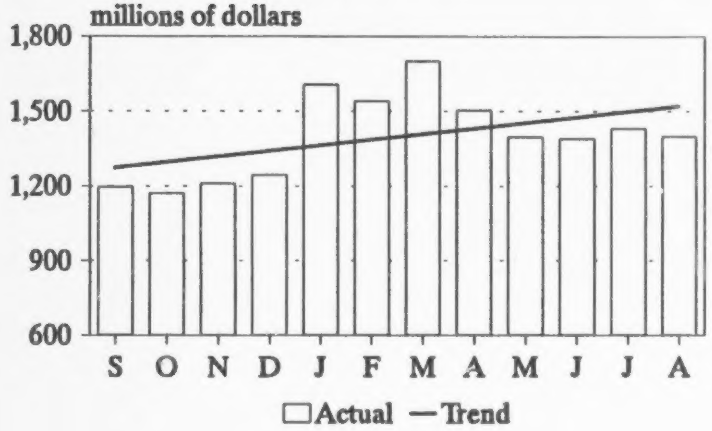
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	187,533	42,006	(145,527)	1,184,387	321,808	(862,579)
Monochrome TV Receivers	8,251	3,815	(4,436)	62,010	39,935	(22,075)
VCR Decks	283,251	18,234	(265,017)	1,894,795	138,687	(1,756,108)
Camcorders	142,754	0	(142,754)	895,840	0	(895,840)
Videocassette Players	7,313	0	(7,313)	66,612	0	(66,612)
Laserdisc Players	13,016	4,916	(8,100)	104,836	45,719	(59,117)
Portable Audio Equipment	125,623	5,704	(119,918)	870,323	60,480	(809,844)
Separate Audio Components	282,383	83,815	(198,567)	1,756,827	669,504	(1,087,323)
Home Radios	17,779	516	(17,263)	97,465	3,146	(94,319)
Home Radio/Tape Combinations	120,148	2,829	(117,319)	687,929	30,957	(656,972)
Autosound Equipment	112,622	23,670	(88,953)	908,364	190,144	(718,219)
Blank Media	64,229	35,215	(29,015)	511,062	279,000	(232,062)
Video Games	165,005	19,404	(145,601)	889,055	178,546	(710,509)
Total	1,529,907	240,125	(1,289,783)	9,929,505	1,957,927	(7,971,578)

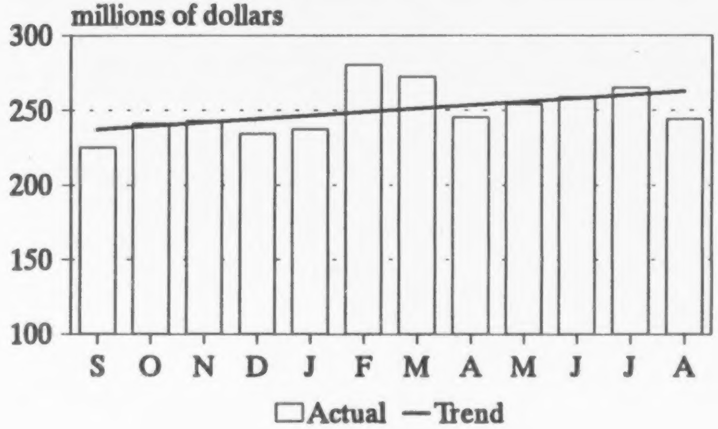
Consumer Electronics Trade Trends August 1992

(all data seasonally adjusted)

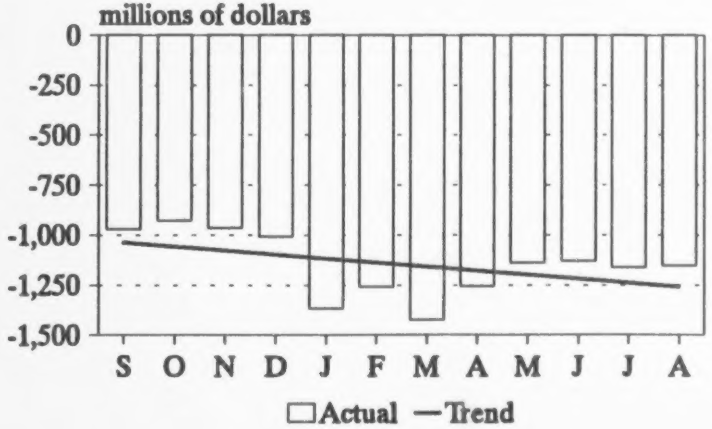
Imports



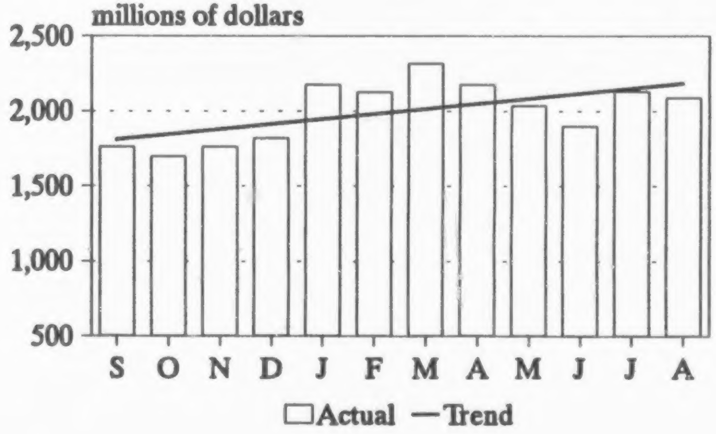
Exports



Balance of Trade



Consumption



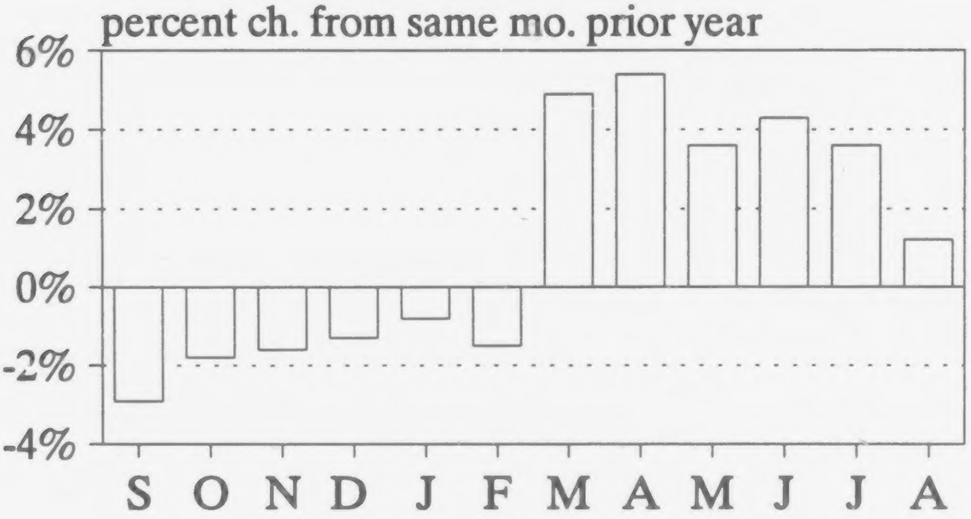
Consumer Electronics Employment August 1992
(thousands of workers)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	39.4	38.8	1.5%	39.5	-0.3%
ALL EMPLOYEES	60.6	59.9	1.2%	60.6	NA
HOURLY WAGE INDEX	116.8	114.6	1.9%	119.1	-1.9%
ANNUAL SALES/EMP	$169,286	$144,672	17.0%	$166,844	1.5%

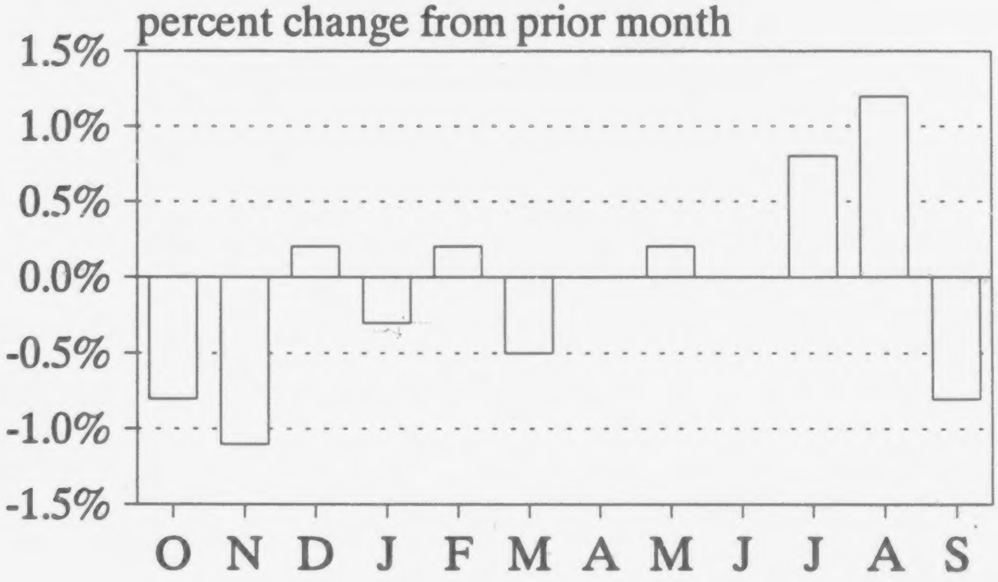
Consumer Electronics Producer Price Indices September 1992
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX[a]	95.5	96.4	-0.9%	96.2	-0.8%
Home Audio	85.3	85.5	-0.3%	90.9	-6.2%
Portable Audio	91.8	101.0	-9.1%	93.5	-1.8%
Autosound	97.9	94.4	3.7%	97.9	NA
Audio Systems	100.2	93.6	7.0%	99.7	0.5%
Color TV	95.9	97.6	-1.7%	96.3	-0.4%
Projection TV	93.7	99.8	-6.1%	94.7	-1.1%
VCR Decks	100.6	97.2	3.5%	100.0	0.6%
Camcorders	86.3	92.5	-6.7%	87.2	-1.0%

Consumer Electronics
All Employees August 1992



Consumer Electronics
Composite Price Index September 1992



Telecommunications Equipment
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	3,543	3,199	10.7%	3,911	3,352	16.7%	28,585	25,590	11.7%
New Orders	3,661	3,165	15.7%	4,034	3,223	25.2%	28,700	23,978	19.7%
Production	3,432	3,299	4.0%	3,608	3,163	14.1%	28,619	26,062	9.8%
Inventory	7,312	7,423	-1.5%	7,234	7,122	1.6%	NA	NA	
Unfilled Orders	12,398	12,280	1.0%	12,390	12,346	0.4%	NA	NA	
Book/Bill Ratio	1.03	0.99	4.5%	1.03	0.96	7.3%	NA	NA	
Inv/Sales Ratio	2.06	2.32	-11.1%	1.85	2.12	-12.9%	NA	NA	
Unf/Sales Ratio	3.50	3.84	-8.8%	3.17	3.68	-14.0%	NA	NA	
Prod/Sales Ratio	0.97	1.03	-6.1%	0.92	0.94	-2.2%	NA	NA	

Telecommunications Equipment Economic Summary

After increasing 16.7% from the prior year in September, factory sales of telecommunications equipment ended the third quarter up 11.7% over the first three quarters of 1991. Sales were particularly strong in the third quarter, ~~with sales~~ up at a~~n amazing~~ robust annualized rate of 57% compared to the prior quarter.

Imports of telecommunications equipment rose 1% in August to $682 million, but exports lost 8.3% from ~~the prior month in August~~ July.

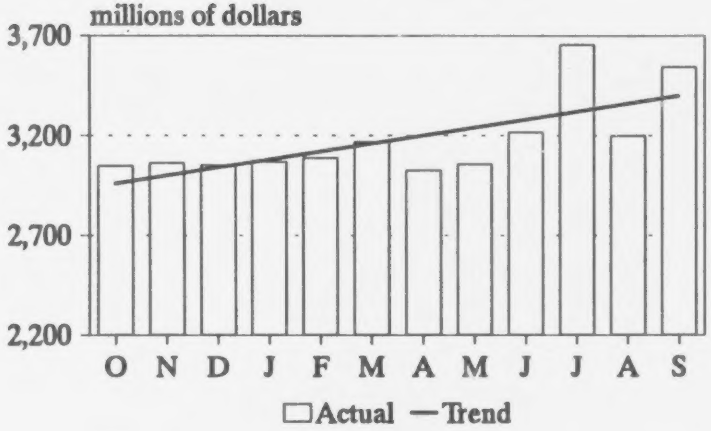
Total employment in August fell 7.2% from the prior year, and the number of production workers dropped 6.7% in the same period.

The producer price index for telecommunications equipment continued to show a marginal 1% gain over the prior year after falling fractionally in September.

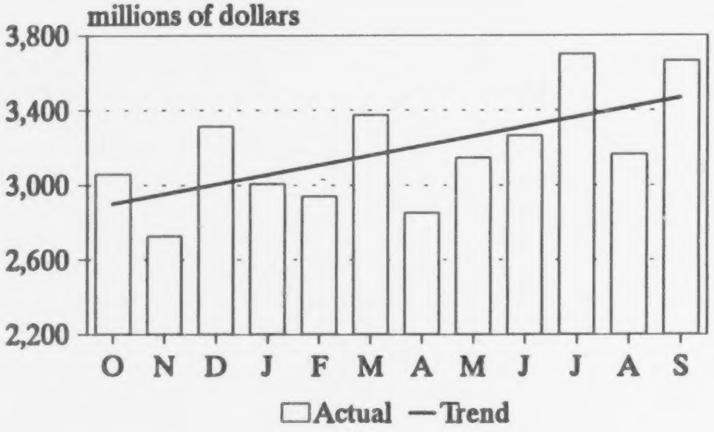
Telecommunications Equipment U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

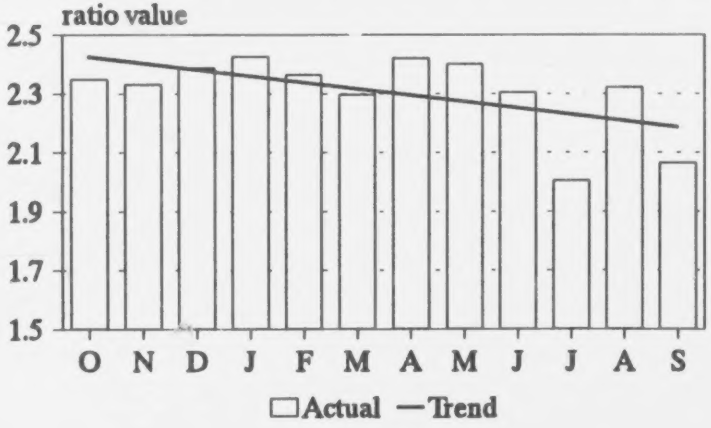
Factory Sales



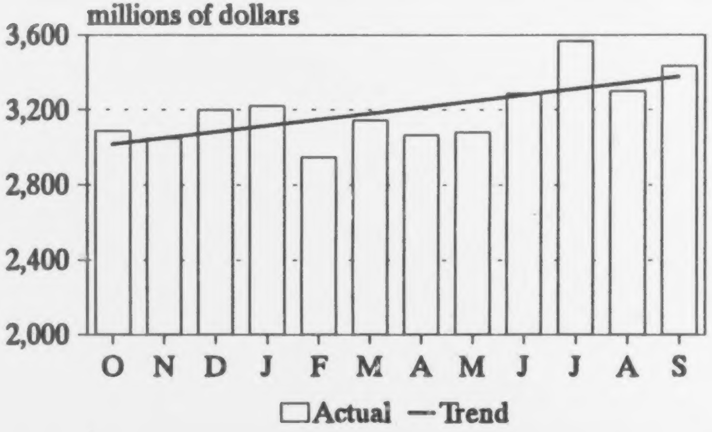
New Orders



Inventory/Sales Ratio



Production



Telecommunications Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	682	675	1.0%	689	595	15.8%	5,237	4,660	12.4%
Exports	606	661	-8.3%	609	592	2.9%	5,231	4,838	8.1%
Balance	(76)	(14)	NA	(80)	(3)	NA	(6)	178	NA

Import/Export Country Summary August 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	1,883,371	36.0%	Canada	846,999	16.2%
Canada	610,757	11.7%	Mexico	719,900	13.8%
Malaysia	422,936	8.1%	Japan	374,139	7.2%
Taiwan	407,163	7.8%	U.K.	328,243	6.3%
China	336,527	6.4%	Taiwan	205,353	3.9%
Mexico	263,560	5.0%	Germany	190,245	3.6%
S. Korea	216,477	4.1%	Australia	186,047	3.6%
Thailand	194,183	3.7%	Korea	183,395	3.5%
Singapore	181,090	3.5%	Italy	138,935	2.7%
Phillipines	149,145	2.8%	Netherlands	130,312	2.5%
Other	571,520	10.9%	Other	1,927,095	36.8%

Import/Export Product Summary August 1992

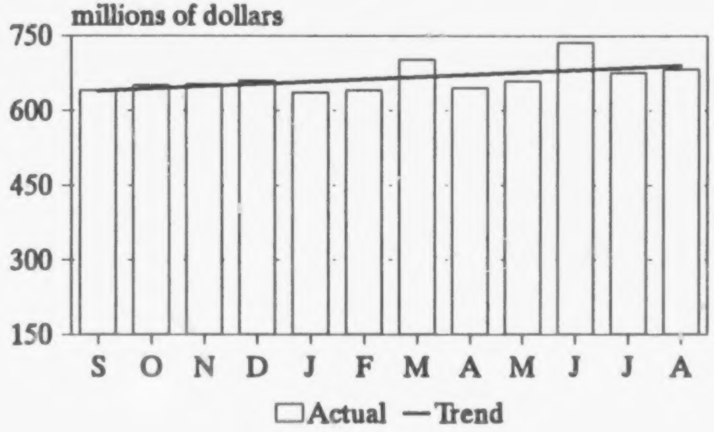
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	92,636	12,842	(79,794)	681,990	153,406	(528,584)
Telephonic Apparatus and Parts	86,041	154,448	68,407	725,273	1,136,371	411,097
Telegraphic Apparatus and Parts	54,046	57,033	2,987	367,218	511,041	143,823
Radio Transmitters	4,865	26,541	21,676	36,586	194,290	157,704
Radio Receivers	19,802	19,275	(527)	137,644	163,152	25,508
Radio Transceivers	56,679	60,127	3,448	400,386	605,327	204,941
Telephone Answering Devices	28,910	10,635	(18,275)	194,453	85,300	(109,154)
TV Transmission/Reception App	117,627	141,695	24,067	981,114	1,274,160	293,045
Cellular Telephones	30,030	45,802	15,772	250,227	450,693	200,466
Facsimile Machines	83,470	0	(83,470)	607,270	0	(607,270)
Cordless Telephones	82,321	8,621	(73,701)	598,697	84,623	(514,074)
Modems	13,429	29,918	16,489	106,506	238,293	131,787
Paging Alert Devices	168	76	(92)	2,426	454	(1,972)
Fiber Optic Cable	5,222	15,700	10,478	36,552	102,739	66,187
Other Cable and Parts	13,946	26,246	12,300	110,387	230,814	120,427
Total	689,193	608,960	(80,232)	5,236,729	5,230,663	(6,067)

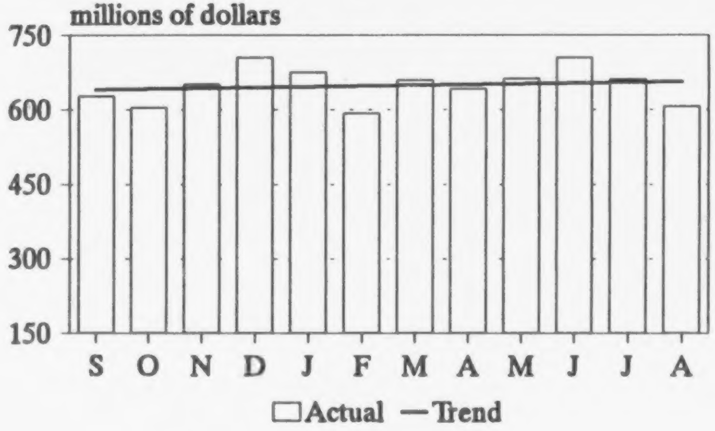
Telecommunications Trade Trends August 1992

(all data seasonally adjusted)

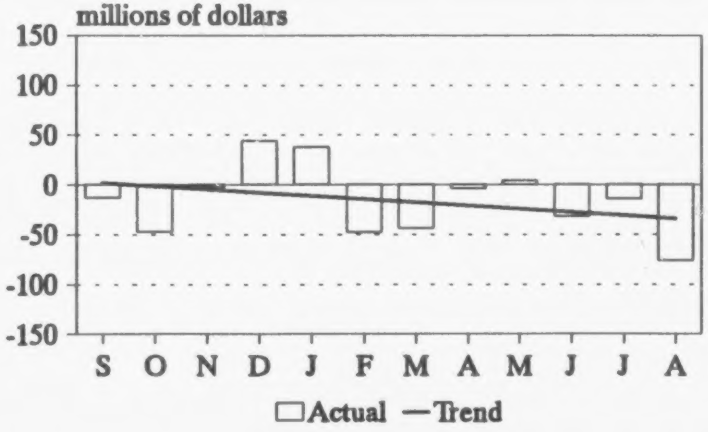
Imports



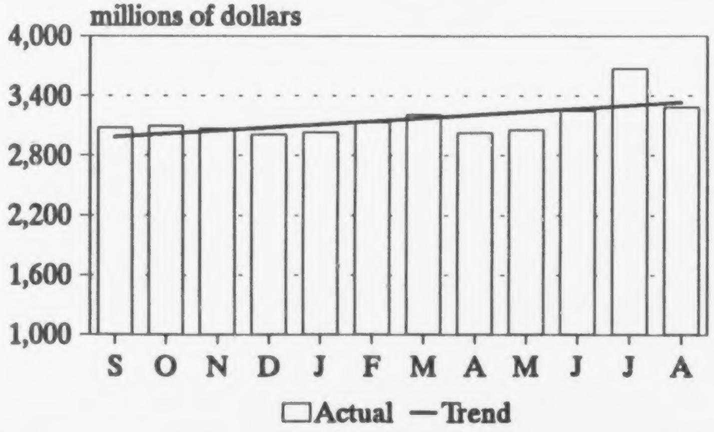
Exports



Balance of Trade



Consumption



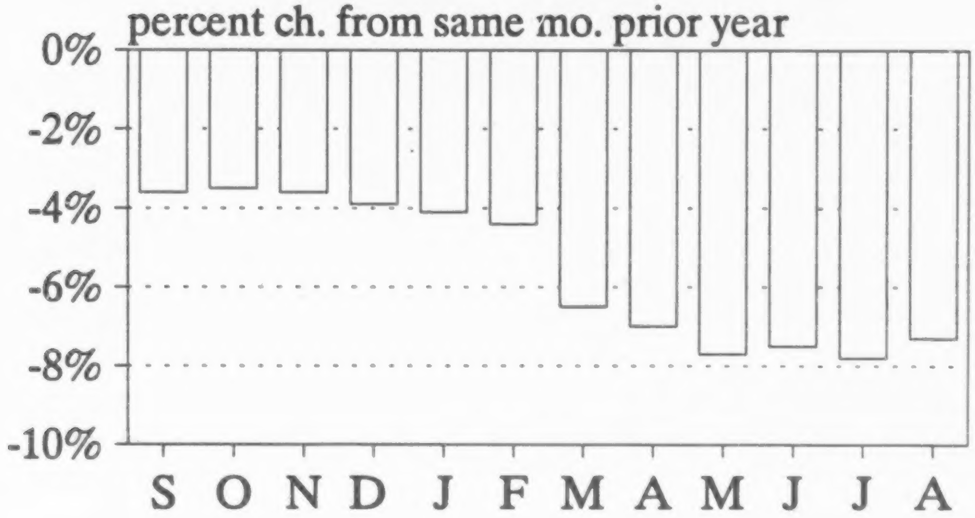
Telecommunications Equipment Employment August 1992
(thousands of workers)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	120.9	129.6	-6.7%	120.6	0.2%
Telephone Equip.	61.7	66.9	-7.8%	61.2	0.8%
Other	59.2	62.7	-5.6%	59.4	-0.3%
ALL EMPLOYEES	237.0	255.4	-7.2%	237.3	-0.1%
Telephone Equip.	111.9	121.9	-8.2%	111.7	0.2%
Other	125.1	133.5	-6.3%	125.6	-0.4%
HOURLY WAGE INDEX	108.4	108.1	0.3%	109.0	-0.5%
ANNUAL SALES/EMP	$117,664	$101,254	16.2%	$115,979	1.5%

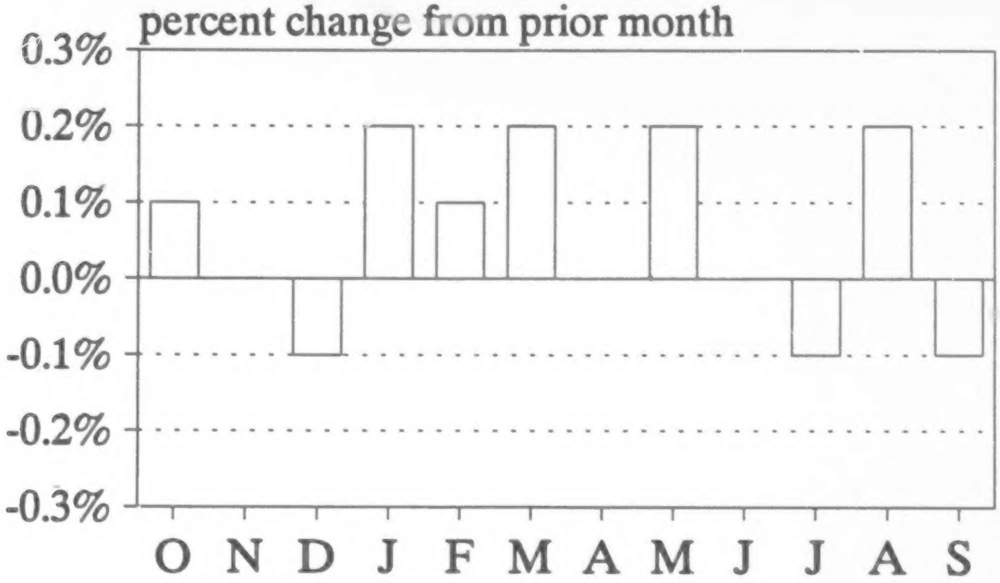
Telecommunications Equipment Producer Price Indices September 1992
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	103.4	102.4	1.0%	103.5	-0.1%
Line Transmission	98.6	98.3	0.3%	98.6	NA
Switching Equipment	104.6	103.4	1.2%	104.6	NA
Telephone Sets	94.1	95.1	-1.0%	94.2	-0.1%
Other Telephone	101.1	102.5	-1.4%	103.0	-1.9%
Broadcast Equipment	103.7	102.3	1.3%	103.7	NA
Mobile Communications	105.0	103.1	1.9%	104.5	0.5%
Intercom Systems	101.4	101.3	0.1%	101.5	-0.1%
Fiber Optic Cable	103.9	104.0	-0.1%	103.9	NA

Telecommunications
All Employees August 1992



Telecommunications
Composite Price Index September 1992



Other Specialized Communications
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,465	2,395	2.9%	2,672	2,769	-3.5%	21,774	23,484	-7.3%
New Orders	2,507	1,924	30.3%	2,738	2,531	8.2%	18,534	21,347	-13.2%
Production	2,415	2,300	5.0%	2,458	2,500	-1.7%	21,171	23,164	-8.6%
Inventory	6,678	6,728	-0.7%	6,672	7,750	-13.9%	NA	NA	
Unfilled Orders	32,499	32,457	0.1%	32,270	36,760	-12.2%	NA	NA	
Book/Bill Ratio	1.02	0.80	26.6%	1.02	0.91	12.1%	NA	NA	
Inv/Sales Ratio	2.71	2.81	-3.6%	2.50	2.80	-10.8%	NA	NA	
Unf/Sales Ratio	13.18	13.55	-2.7%	12.08	13.28	-9.0%	NA	NA	
Prod/Sales Ratio	0.98	0.96	2.0%	0.92	0.90	1.8%	NA	NA	

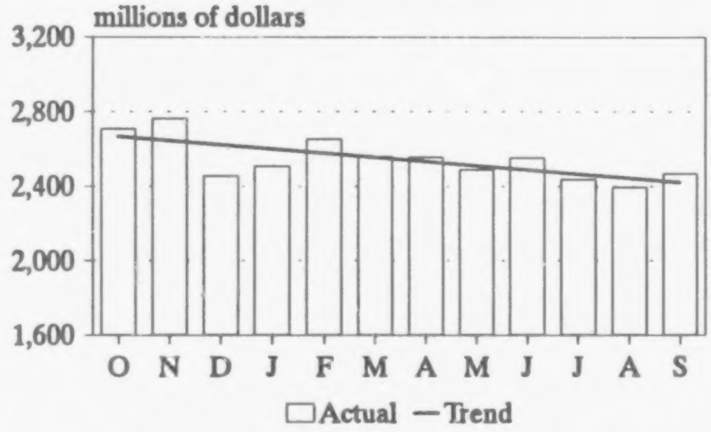
Other Specialized Communications Economic Summary

Factory sales in this sector rose 2.9% in September but this did little to slow the decline as sales fell at an annualized rate of 15% in the third quarter. The rate of decline in the third quarter was nearly twice the rate of decline for the sales in the first three quarters of 1992.

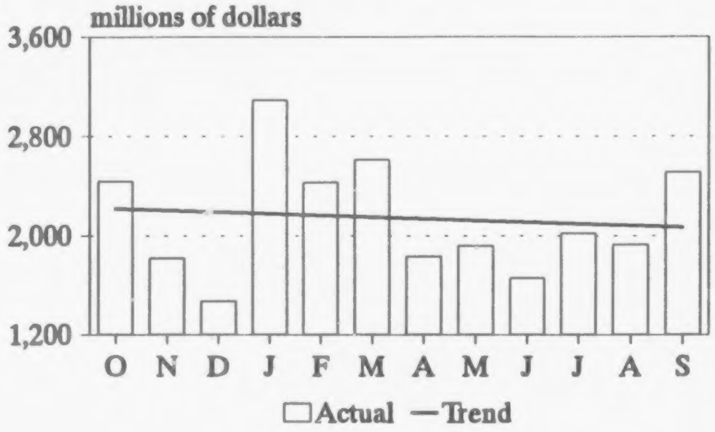
Other Communications U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

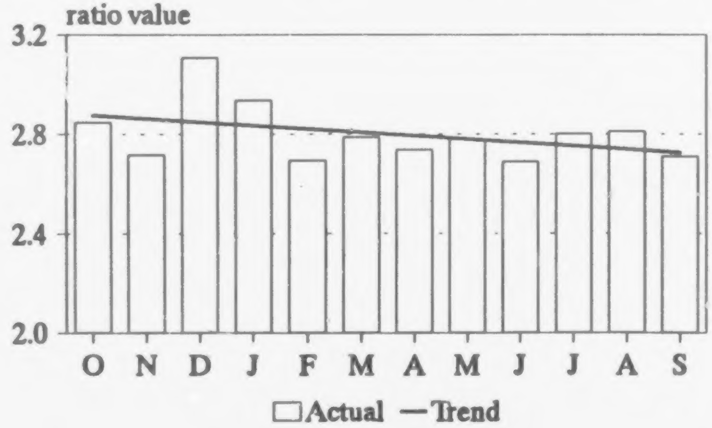
Factory Sales



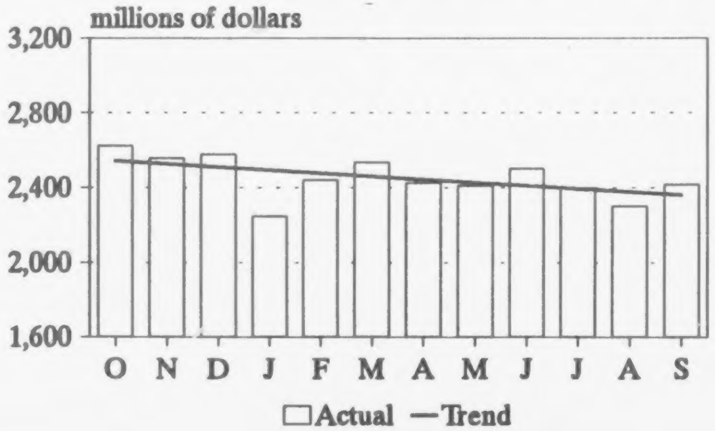
New Orders



Inventory/Sales Ratio



Production



Other Specialized Communications Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	89	90	-1.1%	91	89	2.2%	730	689	6.0%
Exports	190	260	-26.9%	186	184	1.1%	1,667	1,683	-1.0%
Balance	101	170	-40.6%	95	95	NA	938	995	-5.8%

Import/Export Country Summary July 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	126,366	17.5%	Japan	211,374	12.7%
Japan	93,766	13.0%	Canada	180,822	10.8%
U.K.	92,658	12.8%	U.K.	128,685	7.7%
France	81,206	11.2%	France	126,729	7.6%
Taiwan	70,005	9.7%	Netherlands	93,378	5.6%
Mexico	61,473	8.5%	Egypt	91,237	5.5%
Germany	40,777	5.6%	Taiwan	82,461	4.9%
S. Korea	29,427	4.1%	Germany	60,522	3.6%
China	27,764	3.8%	Israel	55,165	3.3%
Israel	27,517	3.8%	Switzerland	52,759	3.2%
Other	71,141	9.9%	Other	583,484	35.0%

Import/Export Product Summary August 1992

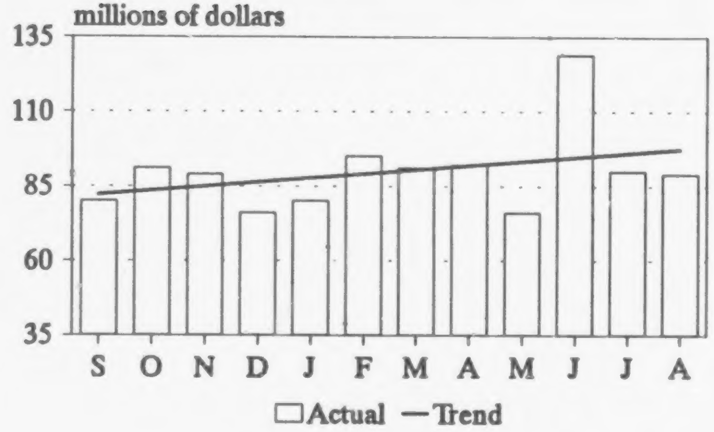
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors and Other Alarms	25,193	12,584	(12,609)	155,852	118,021	(37,831)
Sound/Sight Signaling Apparatus	1,623	5,043	3,420	9,104	42,305	33,201
Radar/Radio Navigational Equip	63,988	166,628	102,640	548,509	1,492,812	944,303
Meteorological/Geophysical Instrs	643	1,321	679	8,635	13,478	4,843
Total	91,446	185,576	94,130	722,100	1,666,616	944,516

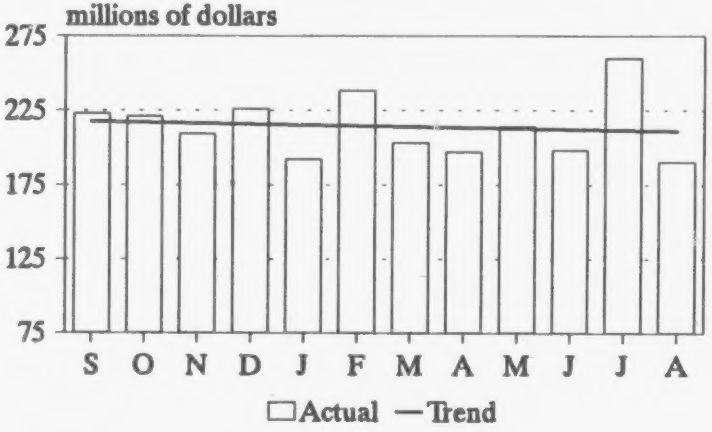
Other Communications Trade Trends August 1992

(all data seasonally adjusted)

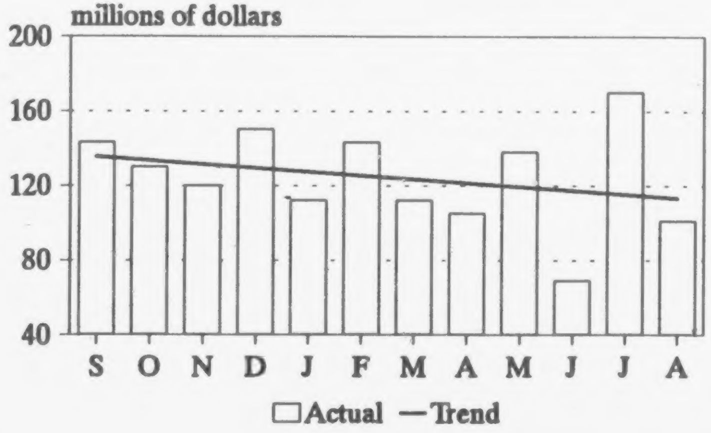
Imports



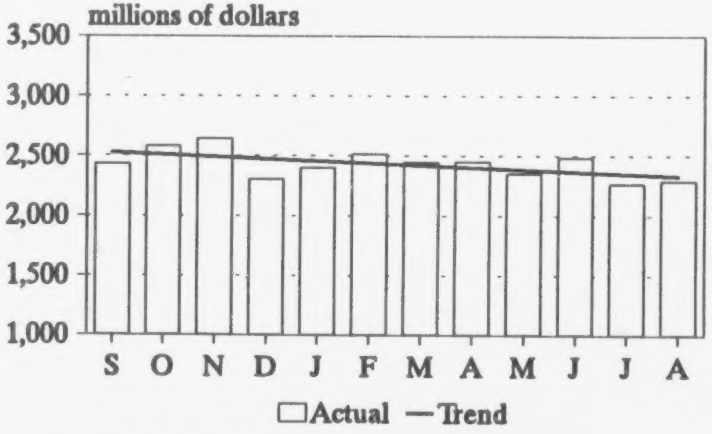
Exports



Balance of Trade



Consumption



Other Specialized Communications Employment August 1992

(thousands of workers)

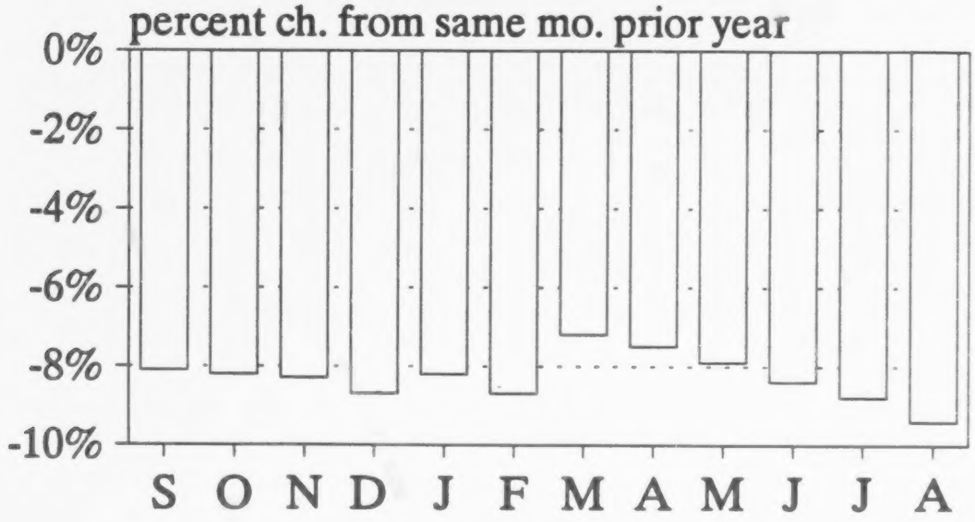
	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	73.4	80.7	-9.0%	74.4	-1.3%
ALL EMPLOYEES	234.3	258.5	-9.4%	236.9	-1.1%
HOURLY WAGE INDEX	119.6	116.6	2.6%	118.8	0.7%
ANNUAL SALES/EMP	$124,187	$123,550	0.5%	$125,735	-1.2%

Other Specialized Communications Producer Price Indices September 1992

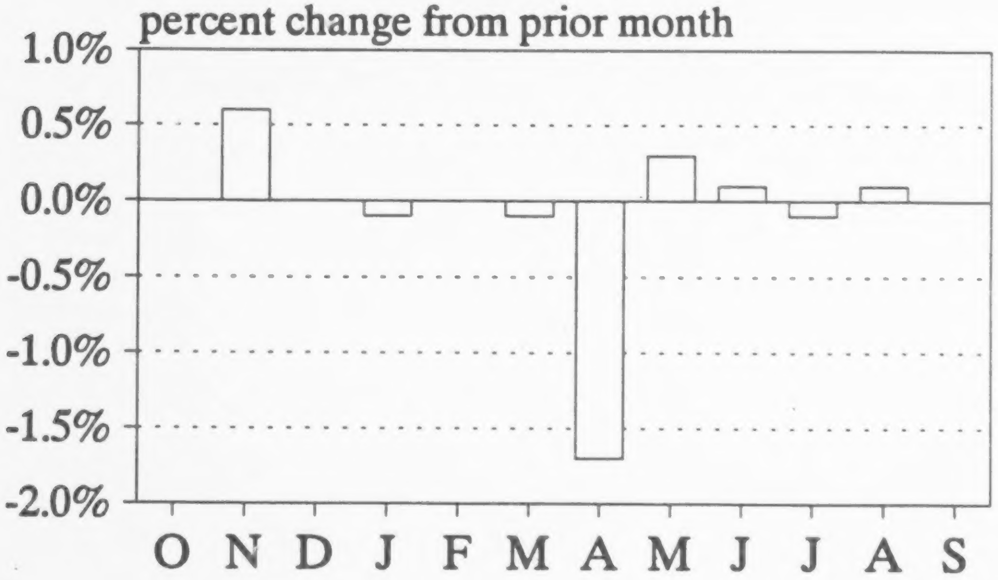
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	98.9	99.8	-1.0%	98.9	NA
Navigation Systems	101.9	102.1	-0.2%	101.9	NA
Radar Equipment	101.4	99.2	2.3%	101.3	0.1%
Defense Electronics	95.2	99.7	-4.6%	95.3	-0.1%

Other Communications
All Employees August 1992



Other Communications
Composite Price Index September 1992



Computers & Peripherals
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	4,841	4,963	-2.5%	6,230	5,328	16.9%	42,787	37,533	14.0%
New Orders	4,822	5,028	-4.1%	6,195	5,091	21.7%	41,876	37,860	10.6%
Production	4,696	5,125	-8.4%	5,940	5,210	14.0%	42,873	37,486	14.4%
Inventory	7,849	7,993	-1.8%	7,927	8,575	-7.6%	NA	NA	
Unfilled Orders	6,630	6,649	-0.3%	6,776	9,064	-25.2%	NA	NA	
Book/Bill Ratio	1.00	1.01	-1.7%	0.99	0.96	4.1%	NA	NA	
Inv/Sales Ratio	1.62	1.61	0.7%	1.27	1.61	-20.9%	NA	NA	
Unf/Sales Ratio	1.37	1.34	2.2%	1.09	1.70	-36.1%	NA	NA	
Prod/Sales Ratio	0.97	1.03	-6.1%	0.95	0.98	-2.5%	NA	NA	

Computer & Peripheral Economic Summary

Sales of computers & peripherals slowed perceptibly in the third quarter, gaining at an annualized rate of just 1.7%, but new order growth was very strong rising 16% on an annualized basis from the second quarter. Sales in the first three quarters of the year increased 14% to $43 billion.

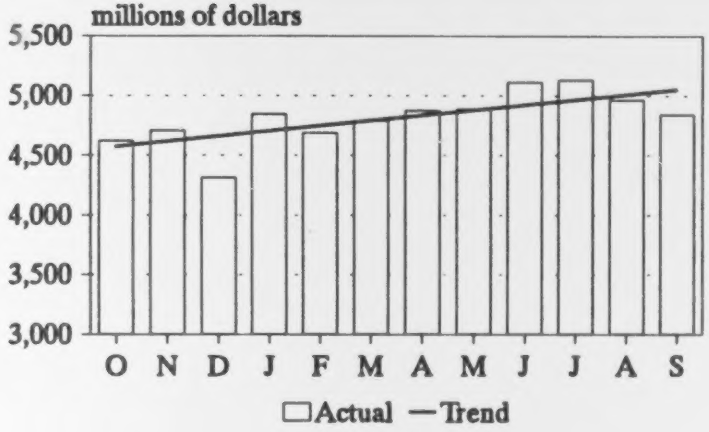
Imports increased 5.2% from the prior month in August, and have increased 18% in the first eight months of the year. At the same time, exports gained 1.3% in August and 2.6% in the year-to-date.

Employment totaled 396,300 in August, but dropped 6.4% from the prior year..

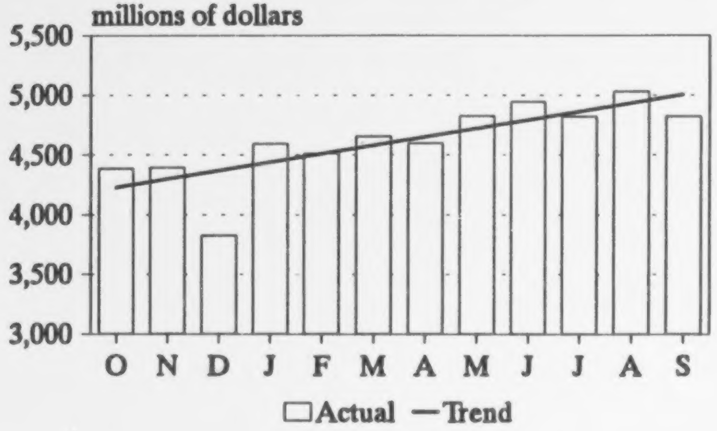
Computers & Peripherals U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

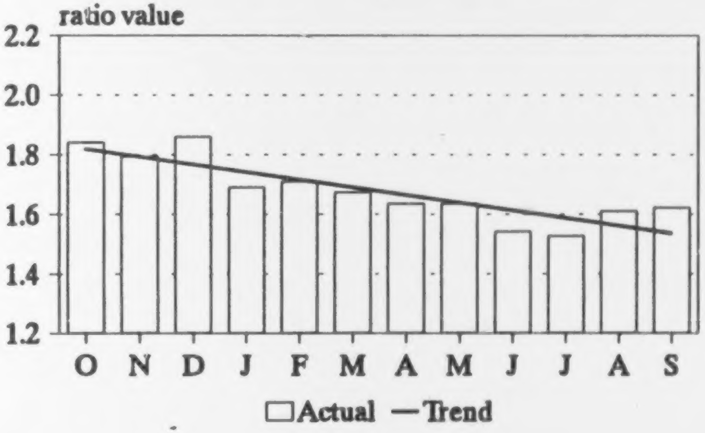
Factory Sales



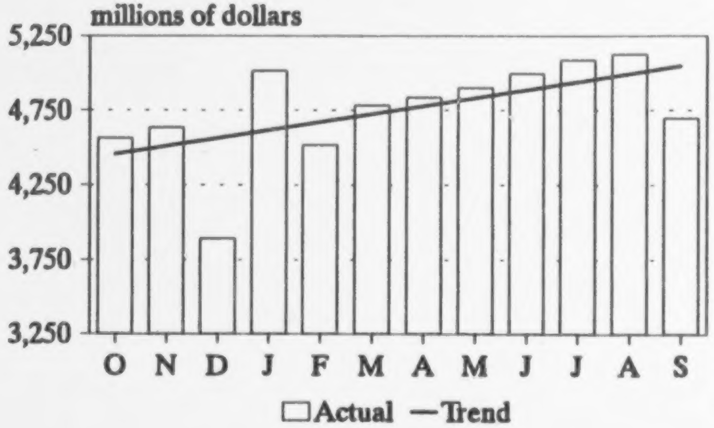
New Orders



Inventory/Sales Ratio



Production



Computer & Peripheral Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	2,872	2,730	5.2%	2,873	2,287	25.6%	20,105	17,019	18.1%
Exports	2,460	2,429	1.3%	2,253	2,158	4.4%	19,394	18,896	2.6%
Balance	(412)	(301)	36.9%	(620)	(129)	NA	(711)	1,877	NA

Import/Export Country Summary August 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	7,064,425	36.4%	Canada	3,015,443	15.5%
Singapore	3,355,561	17.3%	Japan	2,392,119	12.3%
Taiwan	2,766,341	14.3%	U.K.	1,973,167	10.2%
Canada	1,378,425	7.1%	Germany	1,845,176	9.5%
S. Korea	878,024	4.5%	Netherlands	1,232,488	6.4%
U.K.	697,925	3.6%	Singapore	953,637	4.9%
Mexico	585,999	3.0%	France	917,136	4.7%
Malaysia	549,630	2.8%	Mexico	750,604	3.9%
Thailand	527,787	2.7%	Australia	685,611	3.5%
Hong Kong	437,739	2.3%	Taiwan	413,008	2.1%
Other	1,151,668	5.9%	Other	5,215,135	26.9%

Import/Export Product Summary August 1992

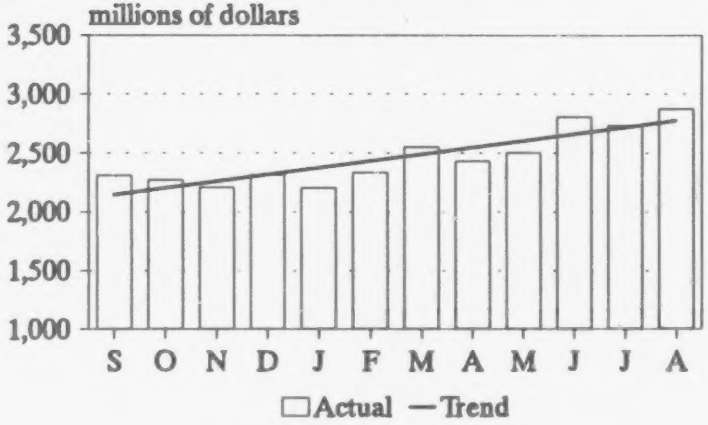
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	386,287	554,457	168,170	2,792,274	5,374,378	2,582,104
Monitors	347,179	54,762	(292,417)	2,438,992	473,272	(1,965,720)
Disk Drives and Blank Media	900,289	444,387	(455,903)	5,828,280	3,718,333	(2,109,947)
Printers	251,477	98,180	(153,296)	1,921,376	860,122	(1,061,254)
Other Computer Peripherals	70,526	102,277	31,751	517,310	801,705	284,396
Other Business Machines and Parts	917,655	998,748	81,093	6,608,199	8,165,713	1,557,514
Total	2,873,413	2,252,811	(620,602)	20,106,432	19,393,524	(712,907)

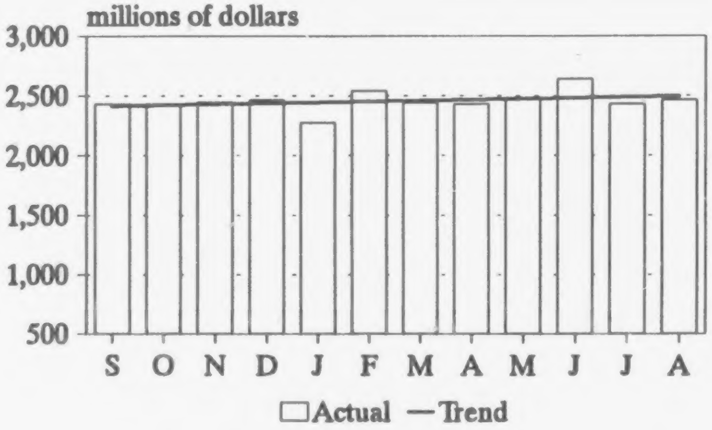
Computers & Peripherals Trade Trends August 1992

(all data seasonally adjusted)

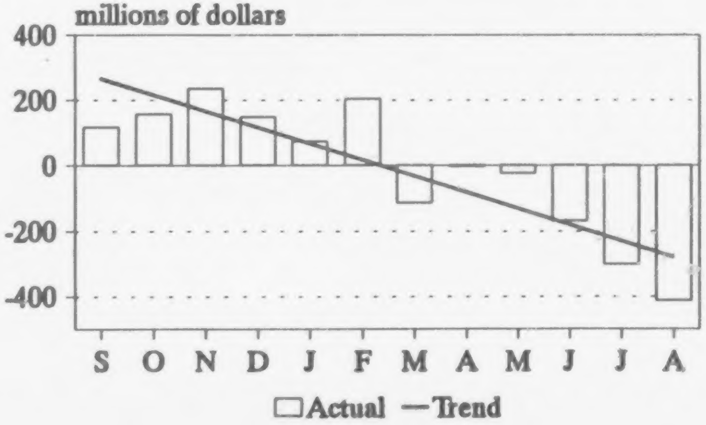
Imports



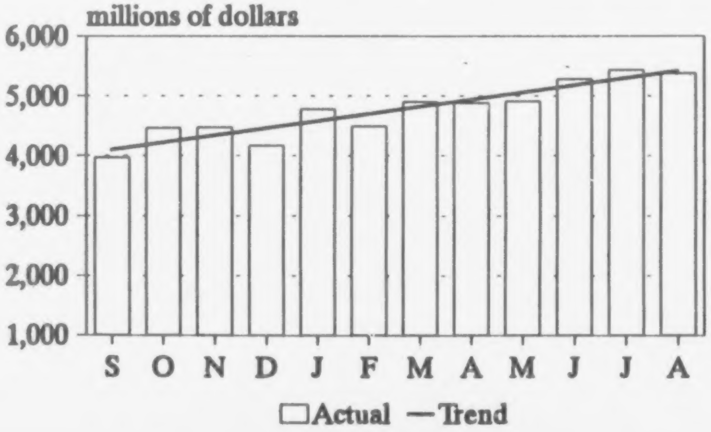
Exports



Balance of Trade



Consumption



Computer & Peripheral Employment August 1992

(thousands of workers)

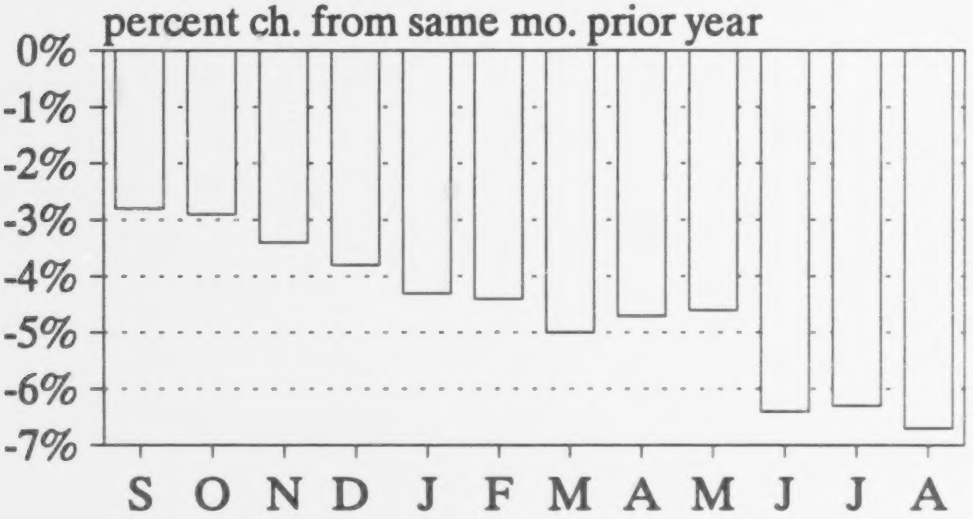
	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	130.9	138.7	-5.6%	131.0	-0.1%
Computers	61.5	67.1	-8.3%	61.5	NA
Other	69.4	71.6	-3.1%	69.5	-0.1%
ALL EMPLOYEES	396.3	423.6	-6.4%	398.1	-0.5%
Computers	241.1	262.4	-8.1%	242.5	-0.6%
Other	155.2	161.2	-3.7%	155.6	-0.3%
HOURLY WAGE INDEX	116.9	115.6	1.2%	117.4	-0.4%
ANNUAL SALES/EMP	$118,308	$102,481	15.4%	$116,329	1.7%

Computer & Peripheral Producer Price Indices September 1992

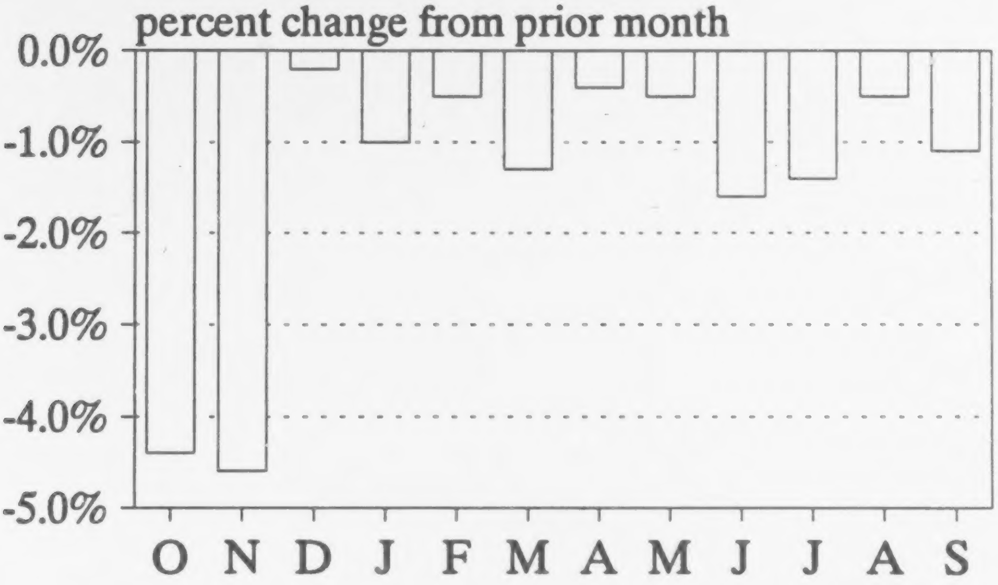
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	73.9	81.4	-9.2%	74.5	-0.8%
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	65.5	81.3	-19.4%	66.5	-1.5%
Hard Disks	101.8	99.9	1.9%	102.5	-0.7%
Floppy Diskettes	92.6	99.1	-6.6%	94.0	-1.5%

Computers & Peripherals
All Employees August 1992



Computers & Peripherals
Composite Price Index September 1992



Industrial Electronics
U.S. Factory Data September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,127	2,076	2.5%	2,328	2,254	3.3%	18,469	18,064	2.2%
New Orders	2,066	2,088	-1.0%	2,621	2,143	22.3%	20,705	17,904	15.6%
Production	2,143	2,075	3.3%	2,268	2,188	3.6%	17,221	17,907	-3.8%
Inventory	4,505	4,489	0.4%	3,156	4,573	-31.0%	NA	NA	
Unfilled Orders	5,104	5,213	-2.1%	3,378	5,391	-37.3%	NA	NA	
Book/Bill Ratio	0.97	1.01	-3.4%	1.13	0.95	18.4%	NA	NA	
Inv/Sales Ratio	2.12	2.16	-2.1%	1.36	2.03	-33.2%	NA	NA	
Unf/Sales Ratio	2.40	2.51	-4.4%	1.45	2.39	-39.3%	NA	NA	
Prod/Sales Ratio	1.01	1.00	0.8%	0.97	0.97	0.4%	NA	NA	

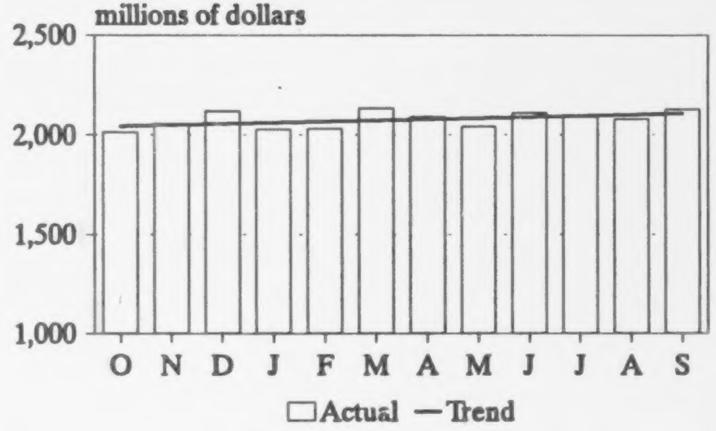
Industrial Electronics Economic Summary

The pace of sales in this sector picked up slightly in the third quarter, rising at an annualized rate of 3.7% from the second quarter. New order growth, though, declined in the quarter falling 0.4%.

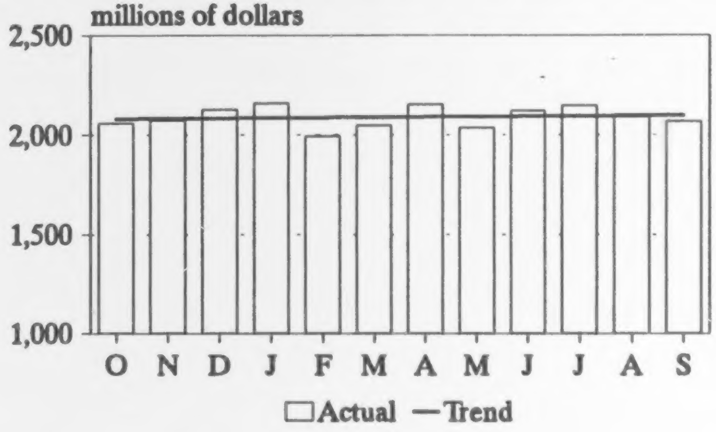
Industrial Electronics U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

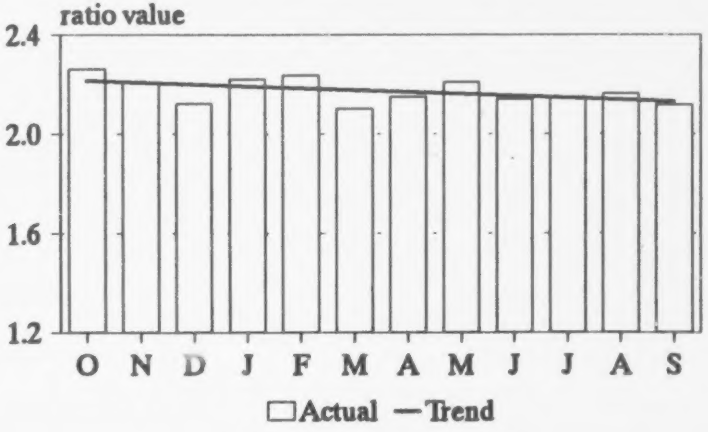
Factory Sales



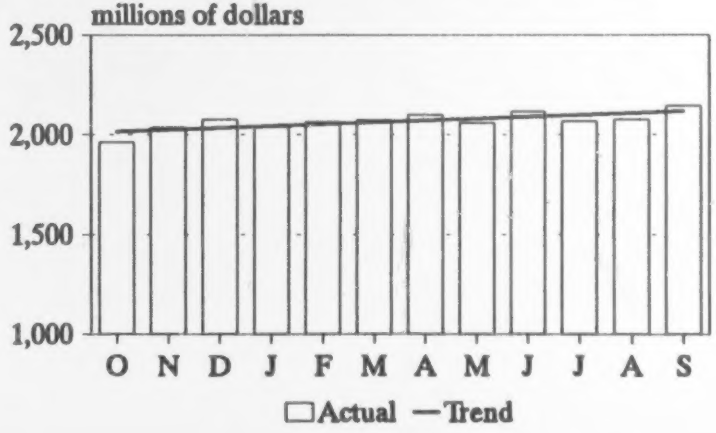
New Orders



Inventory/Sales Ratio



Production



Industrial Electronics Foreign Trade Summary

Import/Export Summary August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	273	269	1.5%	263	242	8.7%	1,937	1,967	-1.5%
Exports	577	616	-6.3%	567	610	-7.0%	4,912	5,064	-3.0%
Balance	304	347	-12.4%	304	368	-17.4%	2,975	3,097	-4.0%

Import/Export Country Summary August 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	512,058	24.9%	Japan	661,103	13.3%
Canada	257,438	12.5%	Canada	661,047	13.3%
U.K.	248,155	12.1%	Germany	398,012	8.0%
Germany	227,142	11.0%	U.K.	340,701	6.8%
Mexico	119,858	5.8%	S. Korea	337,931	6.8%
France	79,513	3.9%	Mexico	307,298	6.2%
Switzerland	52,882	2.6%	France	255,879	5.1%
Netherlands	49,268	2.4%	Taiwan	214,357	4.3%
Taiwan	42,297	2.1%	Italy	164,966	3.3%
Sweden	36,490	1.8%	Singapore	138,627	2.8%
Other	433,347	21.1%	Other	1,501,490	30.1%

Import/Export Product Summary August 1992

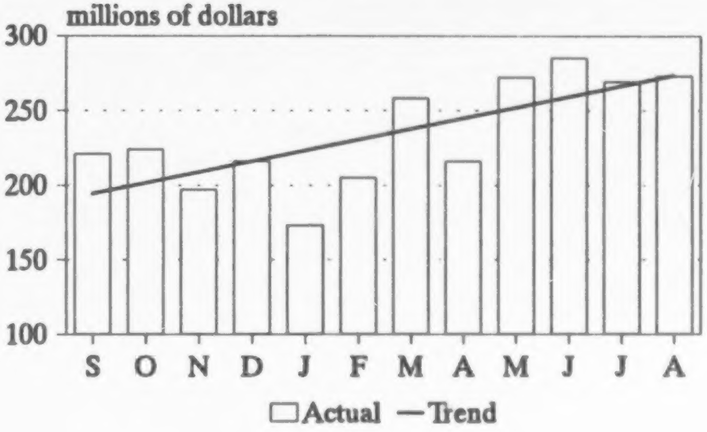
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	10,528	4,745	(5,783)	83,762	49,132	(34,[illegible]0)
Testing/Analyzing Equipment	42,677	166,219	123,542	362,653	1,373,229	1,010,577
Measuring/Analyzing Equipment	64,868	187,925	123,058	530,499	1,617,774	1,087,275
Process/Control Devices	42,112	45,846	3,734	246,519	431,376	184,856
Other Electronic Machinery	102,706	162,532	59,826	835,015	1,509,900	674,885
Total	262,890	567,268	304,378	2,058,448	4,981,411	2,922,963

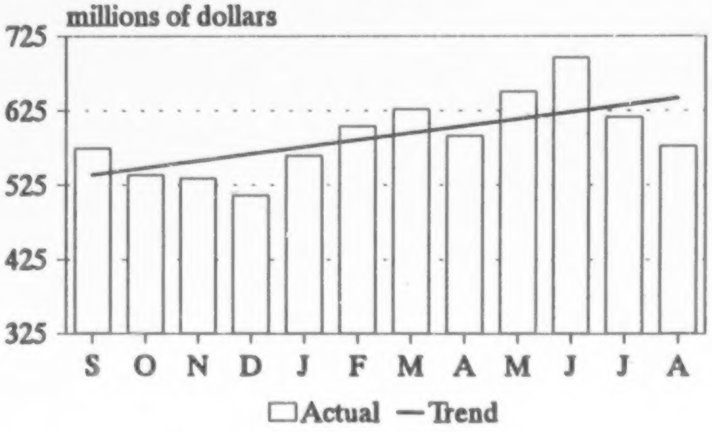
Industrial Electronics Trade Trends August 1992

(all data seasonally adjusted)

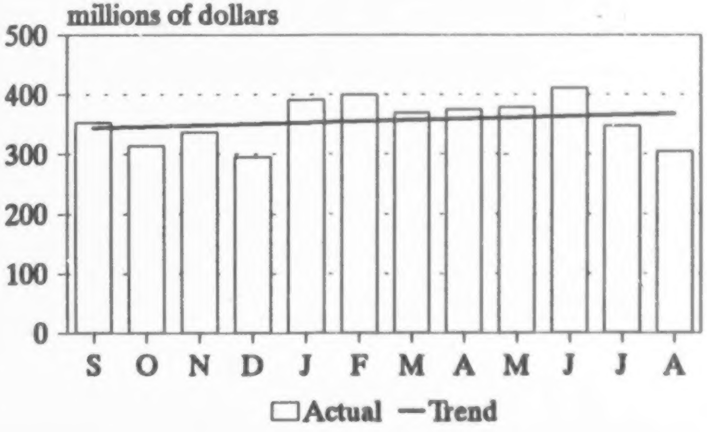
Imports



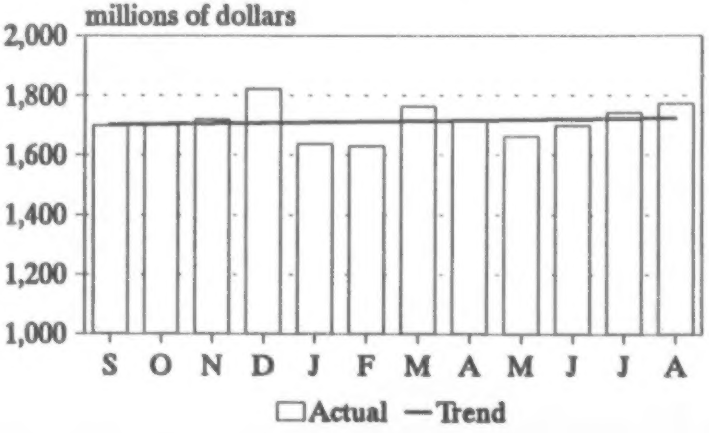
Exports



Balance of Trade



Consumption



Industrial Electronics Employment August 1992

(thousands of workers)

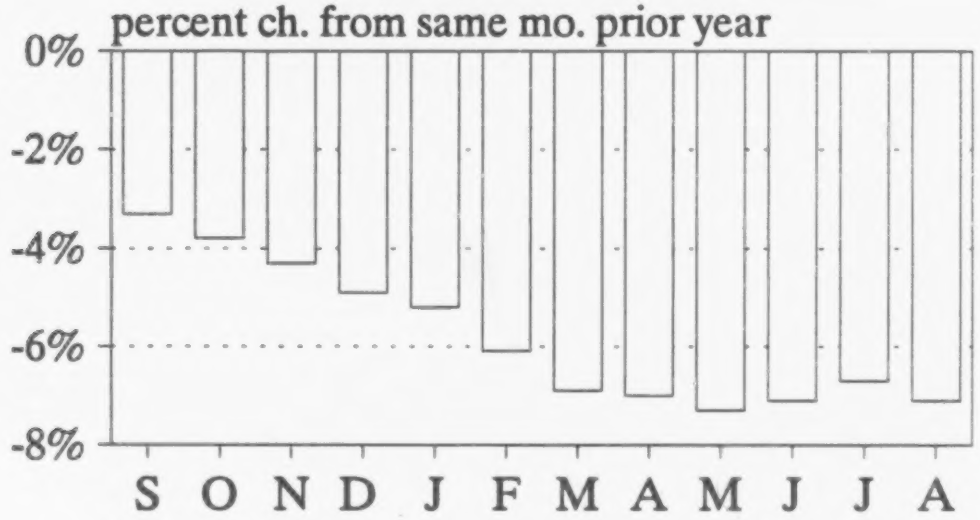
	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	117.8	130.3	-9.6%	118.5	-0.6%
Process Controls	27.8	32.7	-15.0%	28.0	-0.7%
Testing/Measuring	39.1	43.3	-9.7%	39.4	-0.8%
Other	50.9	54.3	-6.3%	51.1	-0.4%
ALL EMPLOYEES	232.2	249.4	-6.9%	233.5	-0.6%
Process Controls	58.2	64.3	-9.5%	58.6	-0.7%
Testing/Measuring	79.4	86.1	-7.8%	80.1	-0.9%
Other	94.6	99.0	-4.4%	94.8	-0.2%
HOURLY WAGE INDEX	119.2	114.4	4.2%	116.4	2.4%
ANNUAL SALES/EMP	$103,453	$95,166	8.7%	$102,575	0.9%

Industrial Electronics Producer Price Indices September 1992

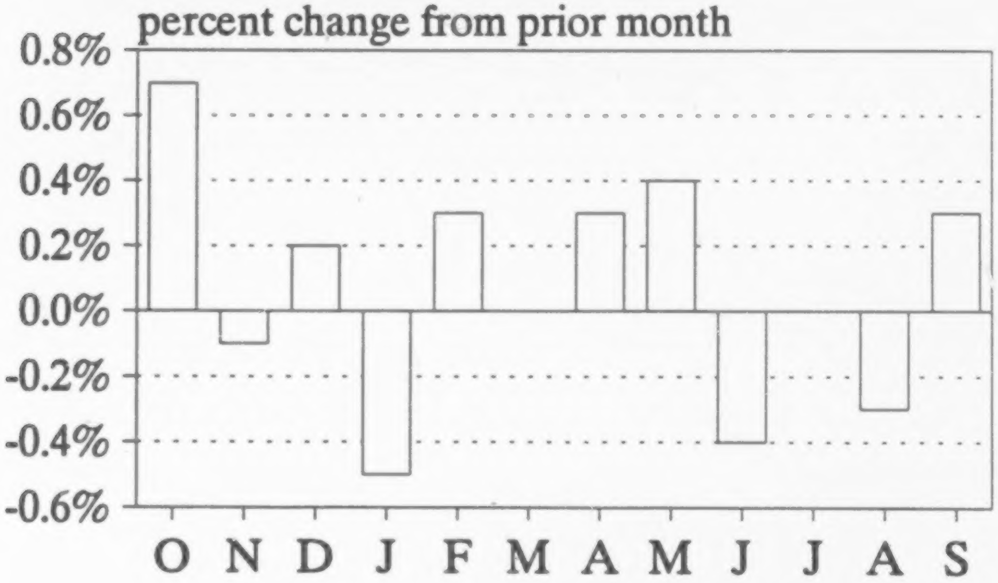
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	103.2	102.1	1.0%	102.9	0.3%
Testing/Measuring	102.2	101.9	0.3%	101.9	0.3%
Nuclear Radiation	103.6	101.5	2.2%	103.7	-0.1%
Process Controls	103.3	100.3	3.0%	102.8	0.5%
Other Equipment	104.6	104.1	0.4%	104.5	0.1%

Industrial Electronics
All Employees August 1992



Industrial Electronics
Composite Price Index September 1992



Electromedical Equipment
U.S. Factory Data September 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	668	635	5.2%	706	672	5.2%	5,831	5,604	4.1%
New Orders	635	746	-14.9%	673	684	-1.6%	5,786	5,522	4.8%
Production	678	647	4.7%	701	671	4.5%	5,900	5,649	4.4%
Inventory	1,424	1,414	0.7%	1,407	1,339	5.0%	NA	NA	
Unfilled Orders	1,799	1,832	-1.8%	1,799	1,925	-6.6%	NA	NA	
Book/Bill Ratio	0.95	1.18	-19.2%	0.95	1.02	-6.4%	NA	NA	
Inv/Sales Ratio	2.13	2.23	-4.4%	1.99	1.99	-0.2%	NA	NA	
Unf/Sales Ratio	2.69	2.88	-6.7%	2.55	2.87	-11.2%	NA	NA	
Prod/Sales Ratio	1.01	1.02	-0.5%	0.99	1.00	-0.6%	NA	NA	

Electromedical Equipment Economic Summary

Sales growth in this sector dropped off markedly in the third quarter falling at an annualized rate of 4.2%, despite the fact that sales gained 5.2% in September. During the first three quarters of the year sales totaled $5.8 billion rising 4.1% from the prior year.

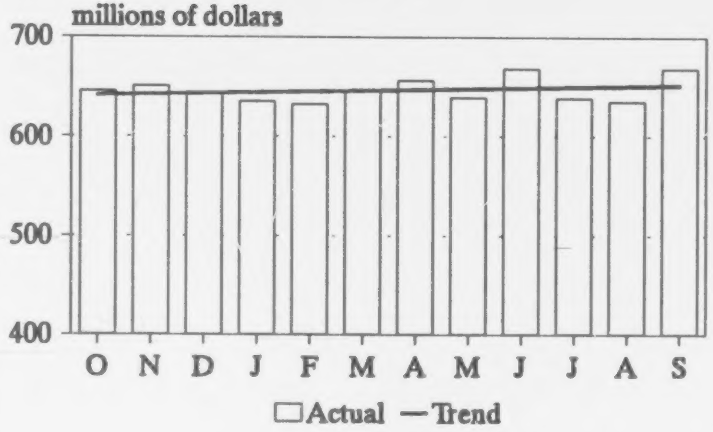
Exports fell 1% from the previous month in August to $285 million, but have gained 13.3% in the year-to-date, while imports posted a gain of 2.7%.

Total employment in August was up 5.6% from the prior year, and wages were up 4.9%.

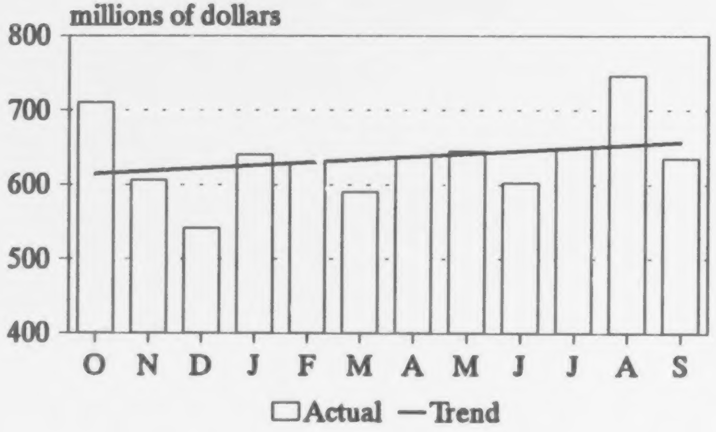
Electromedical Equipment U.S Factory Trends Sept. 1992

(all data seasonally adjusted)

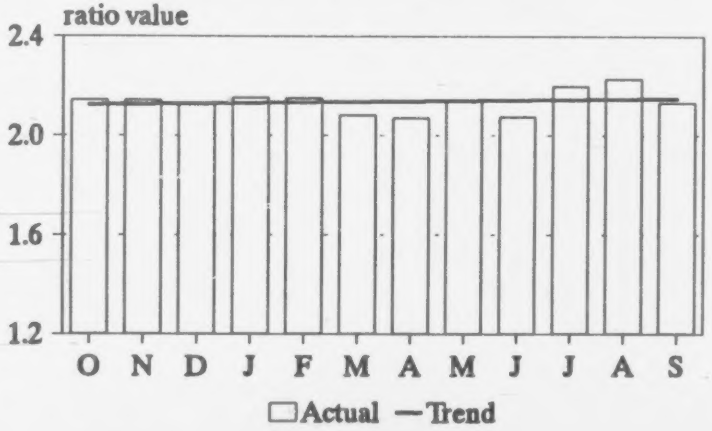
Factory Sales



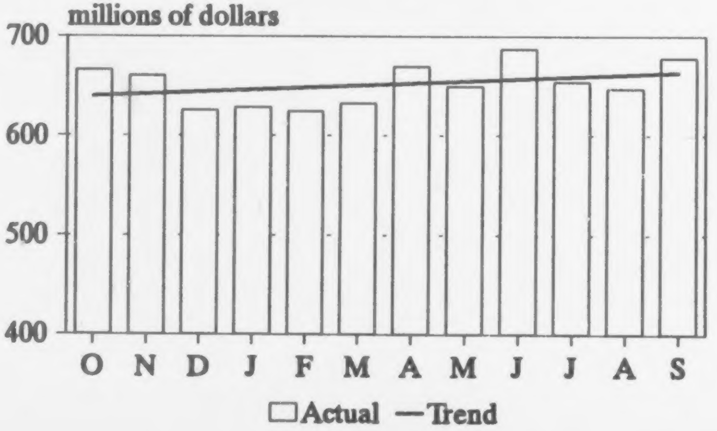
New Orders



Inventory/Sales Ratio



Production



Electromedical Equipment Foreign Trade Summary

Import/Export Summary August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Imports	189	184	2.7%	191	187	2.1%	1,470	1,483	-0.9%
Exports	285	288	-1.0%	271	230	17.8%	2,223	1,962	13.3%
Balance	96	104	-7.7%	80	43	86.0%	753	478	57.3%

Import/Export Country Summary August 1992
(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Germany	458,305	31.2%	Germany	328,310	14.8%
Japan	455,638	31.0%	Japan	313,346	14.1%
Netherlands	107,601	7.3%	Canada	189,308	8.5%
France	91,176	6.2%	Netherlands	180,585	8.1%
Mexico	68,074	4.6%	France	125,868	5.7%
U.K.	52,832	3.6%	U.K.	124,140	5.6%
Ireland	23,274	1.6%	Italy	90,912	4.1%
Israel	22,217	1.5%	Mexico	75,733	3.4%
Italy	20,042	1.4%	Australia	68,539	3.1%
Canada	19,863	1.4%	Sweden	67,769	3.0%
Other	152,116	10.3%	Other	657,864	29.6%

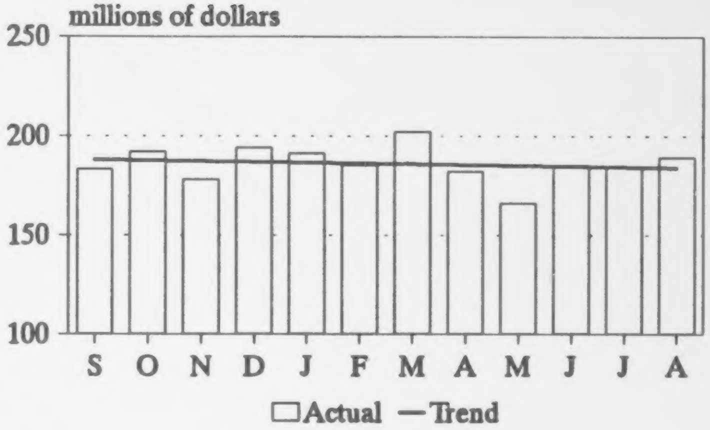
Import/Export Product Summary August 1992
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	105,051	207,124	102,072	821,361	1,656,243	834,882
X-Ray and Related Equipment	86,446	63,692	(22,754)	649,777	566,130	(83,647)
Total	191,497	270,816	79,319	1,471,138	2,222,374	751,235

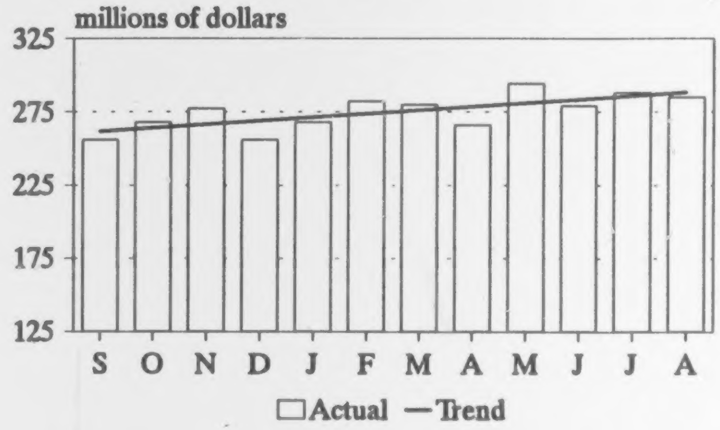
Electromedical Equipment Trade Trends August 1992

(all data seasonally adjusted)

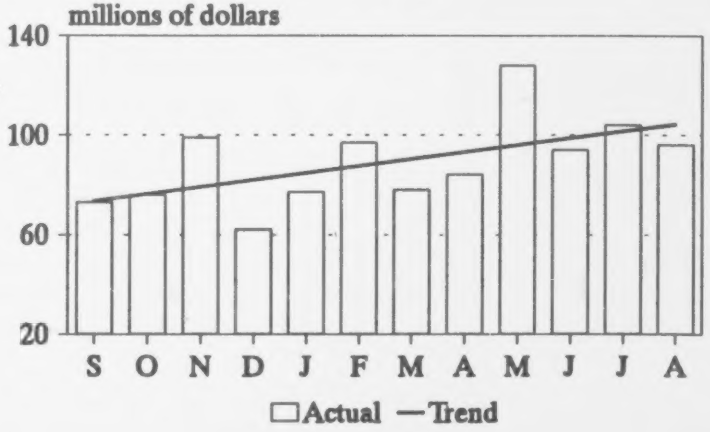
Imports



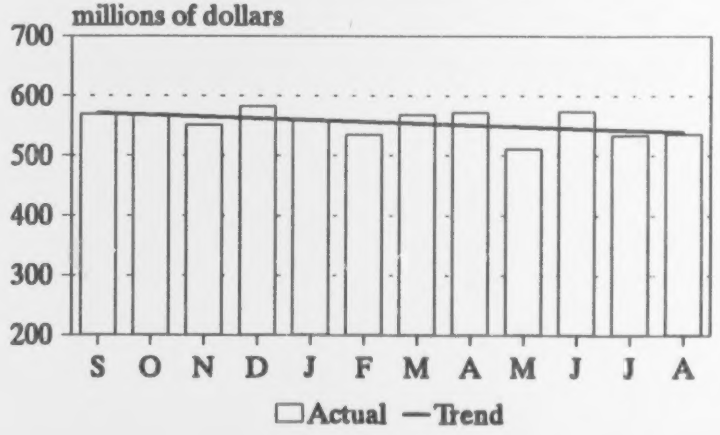
Exports



Balance of Trade



Consumption



Electromedical Equipment Employment August 1992

(thousands of workers)

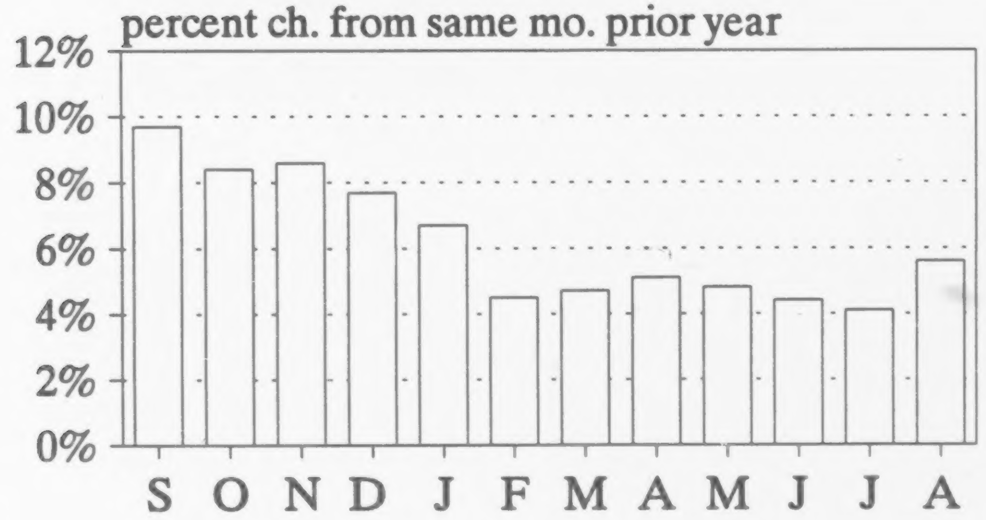
	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
PRODUCTION WORKERS	18.2	17.0	7.1%	18.2	NA
ALL EMPLOYEES	45.6	43.2	5.6%	45.5	0.2%
HOURLY WAGE INDEX	120.9	115.3	4.9%	120.9	NA
ANNUAL SALES/EMP	$172,475	$174,240	-1.0%	$172,870	-0.2%

Electromedical Equipment Producer Price Indices September 1992

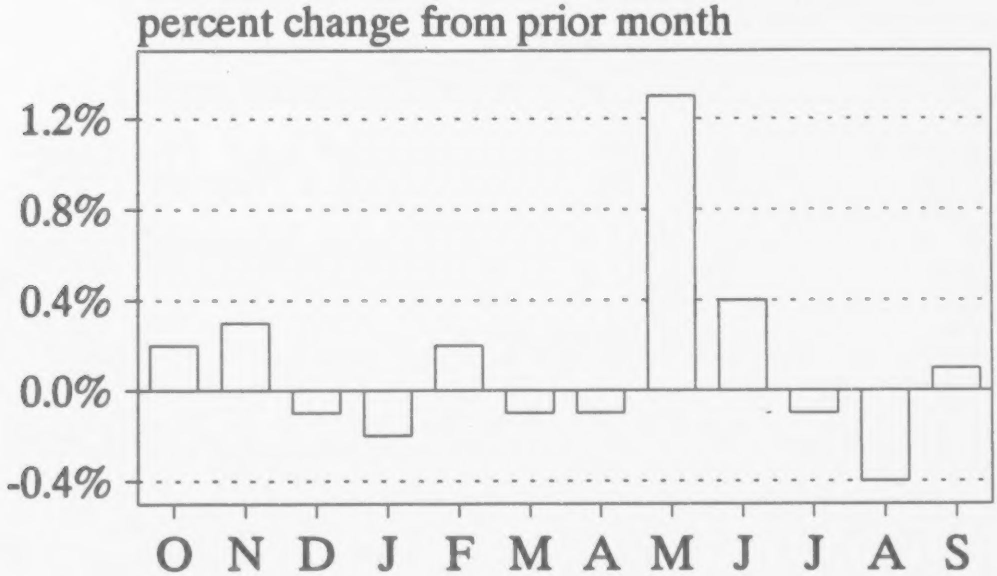
(12/90=100)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
COMPOSITE INDEX	102.5	100.9	1.6%	102.4	0.1%
Irradiation Equipment	101.0	101.2	-0.2%	100.6	0.4%
Diagnostic/Monitoring	103.4	100.8	2.6%	103.3	0.1%
Electrotherapeutic	102.3	101.0	1.2%	102.3	-0.1%

Electromedical Equipment
All Employees August 1992

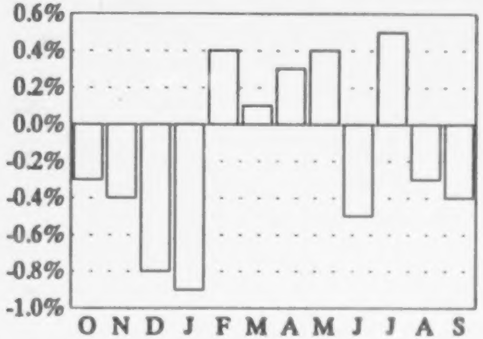


Electromedical Equipment
Composite Price Index September 1992



Capacity Utilization

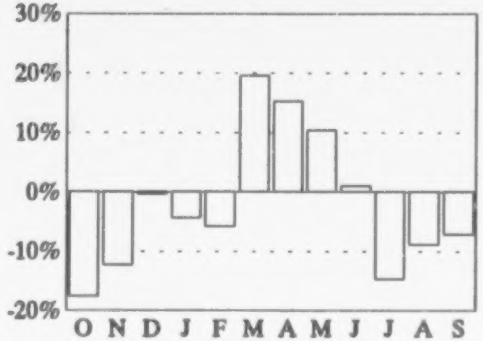
(percent change from previous change)



Source: Federal Reserve Board

Consumer Confidence Index

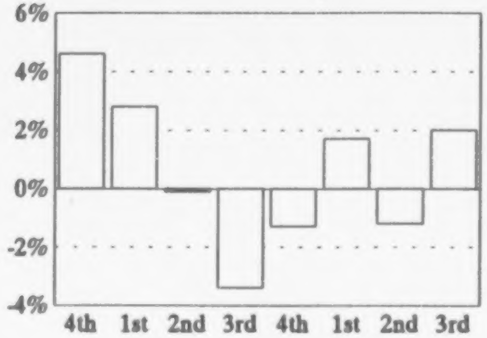
(percent change from previous change)



Source: Conference Board

Government Purchases

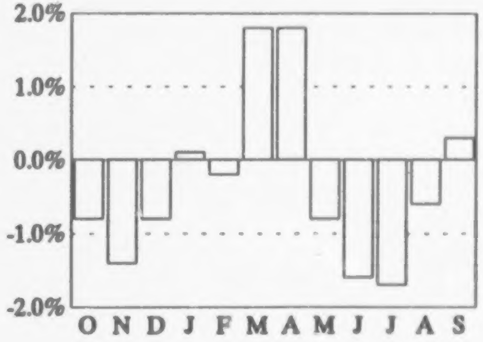
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

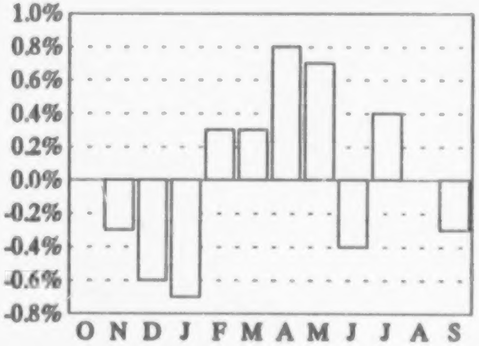
(percent change from previous change)



Source: Federal Reserve Bank of Atlanta

Industrial Production

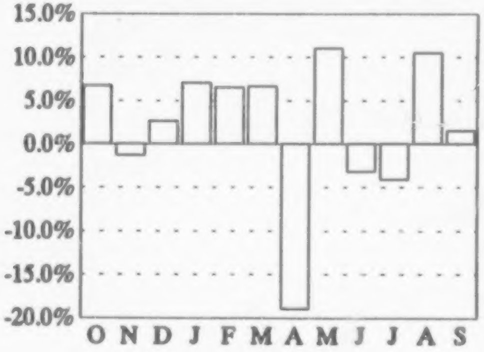
(percent change from previous change)



Source: Federal Reserve Board

Housing Starts

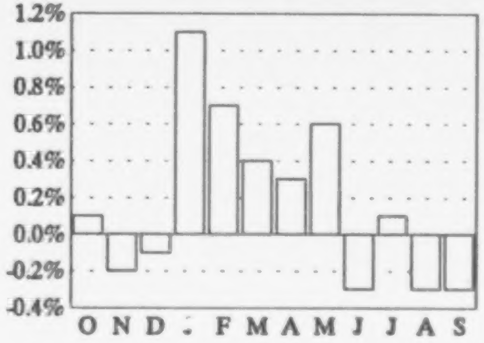
(percent change from previous change)



Source: Department of Commerce

Leading Economic Indicators

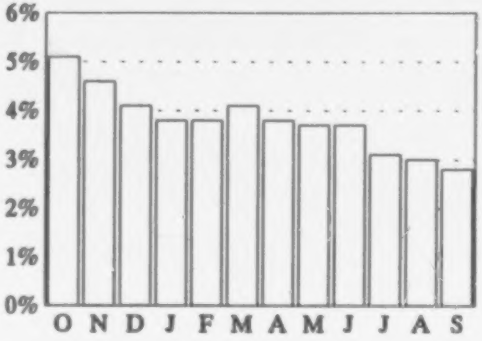
(percent change from previous change)



Source: Federal Reserve Board

90 Day T-Bill Rate

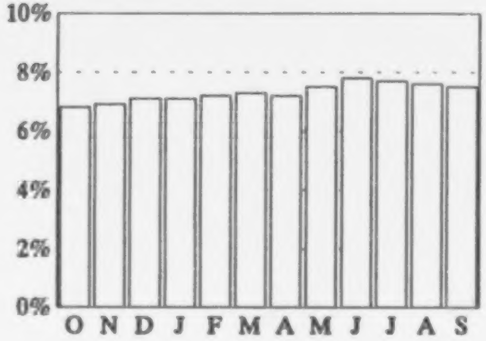
(interest rate)



Source: Conference Board

Unemployment Rate

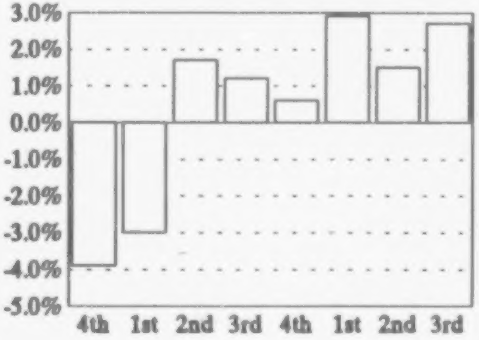
(precent of civilian laborforce)



Source: Department of Commerce

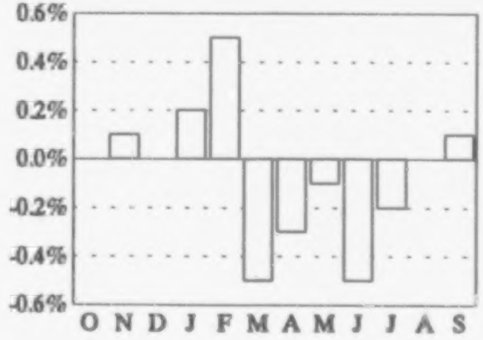
Real GDP

(quarter vs. previous quarter)



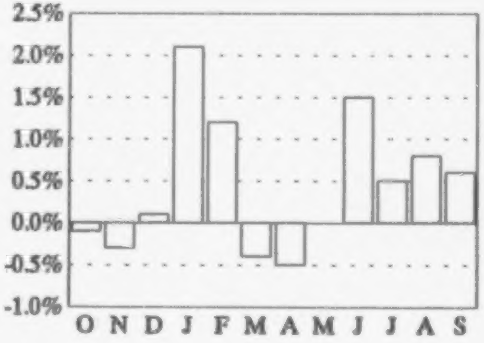
Real Money Supply M-2

(percent change from previous change)



Retail Sales

(percent change from previous change)



Economic Data Bank
Data as of November 3, 1992

	Current Period	Previous Period	Year Ago
	Sep-92	Aug-92	Sep-91
Capacity Utilization (% utilized)	**78.4**	**78.7**	**78.8**
	Oct-92	Sep-92	Oct-91
Consumer Confidence (Index 1985=100)	**52.4**	**56.4**	**60.1**
	3rd Q92	2nd Q92	3rd Q91
Gross Domestic Product (billions 1987 $)	**4,924.5**	**4,892.4**	**4,831.8**
	2nd Q92	1st Q92	2nd Q91
Gross National Product (billions 1987 $)	**4,899.1**	**4,890.7**	**4,843.7**
	3rd Q92	2nd Q92	3rd Q91
Government Purchases (billions 1987 $)	**938.8**	**934.2**	**936.1**
	Sep-92	Aug-92	Sep-91
Industrial Production (Index 1987=100)	**108.6**	**108.9**	**108.4**
	Sep-92	Aug-92	Sep-91
Housing Starts (annual rate 000's)	**1,256**	**1,237**	**1,021**
	Sep-92	Aug-92	Sep-91
ng Economic Indicators (Index 1987=100)	**148.2**	**148.6**	**145.3**
	Oct-92	Sep-92	Oct-91
90-Day T-Bill Rate (%)	**2.79**	**2.97**	**5.25**
	Oct-92	Sep-92	Oct-91
Prime Rate (%)	**6.00**	**6.00**	**8.20**
	Sep-92	Aug-92	Sep-91
Unemployment Rate (% of labor force)	**7.5**	**7.6**	**6.8**
	Sep-92	Aug-92	Sep-91
Real Money Supply M-2 (billions 1987 $)	**2,378.0**	**2,376.3**	**2,400.8**
	Sep-92	Aug-92	Sep-91
Retail Sales (billions of dollars)	**161.6**	**160.7**	**153.0**
	Sep-92	Aug-92	Sep-91
posable Personal Income (billions 1987 $)	**3,580.5**	**3,573.6**	**3,511.3**
	Sep-92	Aug-92	Sep-91
Auto Sales (annual rate 000's)	**510**	**483**	**498**
	Sep-92	Aug-92	Sep-91
Personal Savings Rate (% of income)	**4.6**	**4.5**	**5.2**
	Sep-92	Aug-92	Sep-91
CPI-U All Items (Index 1982-84=100)	**141.3**	**140.9**	**137.2**
	Sep-92	Aug-92	Sep-91
PPI Finished Goods (Index 1982-84=100)	**123.9**	**123.5**	**121.8**
	Aug-92	Jul-92	Aug-91
Balance of Trade (billions of dollars)	**(9.0)**	**(7.8)**	**(6.6)**

Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,802	5,051			
New Orders												
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,939	5,347			
Inventories												
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
1991	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,044	8,092			
Unfilled Orders												
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,068	13,364			

Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,366	2,391	2,542	2,421	2,369	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,199	3,543			
New Orders												
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,165	3,661			
Inventories												
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,423	7,312			
Unfilled Orders												
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,280	12,398			

Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,395	2,465			
						New Orders						
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,924	2,507			
						Inventories						
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,813	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,111	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,728	6,678			
						Unfilled Orders						
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,457	32,499			

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,963	4,841			
						New Orders						
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,028	4,822			
						Inventories						
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,485	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,993	7,849			
						Unfilled Orders						
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,649	6,630			

Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,076	2,127			
New Orders												
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,088	2,066			
Inventories												
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,489	4,505			
Unfilled Orders												
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,213	5,104			

Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	635	668			
						New Orders						
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	746	635			
						Inventories						
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,414	1,424			
						Unfilled Orders						
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832	1,799			

Footnotes

[1] Represents U.S. factory sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

Electronic Market Data Book

This yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: computers, consumer electronics, electronic components, government electronics, industrial electronics and telecommunications. Another section provides complete international trade, employment and R&D information. Packed with over 100 tables, charts, and graphs, the **Electronic Market Data Book** provides sales and production figures for the most recent year as well as historical data and other information to help pinpoint growing markets and spot trends. For over 35 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** because it provides the most up-to-date and reliable data available—from the U.S. government, industry experts, private sources and EIA Marketing Services statistial programs. A table of contents from the **Electronic Market Data Book** is available free on request.

Electronics Foreign Trade

Designed for rapid and accurate identification of import and export trends, this monthly statistical report features:

- Monthly and year-to-date import and export figures for over 300 electronic products by unit sales and dollar volume.
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- Top 10 foreign markets for U.S. electronics
- Top 10 foreign suppliers of electronic products to the U.S.
- Top 10 data contain year-to-date statistics for over 300 electronic products by unit sales and dollar volume.
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Electronic Market
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ELECTRONIC INDUSTRIES ASSOCIATION
EIA
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Contains:
October 1992 Factory Shipments
September 1992 Electronics Trade Data

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U.S. Electronics Industry Summary

U.S. Factory Sales October 1992

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales[1]	24,375	24,217	0.7%	23,605	23,506	0.4%	232,725	221,128	5.2%

Electronics Foreign Trade Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	7,742	7,561	2.4%	8,168	7,013	16.5%	63,716	55,903	14.0%
Exports	6,981	6,145	13.6%	6,961	6,121	13.7%	56,839	54,093	5.1%
Balance	(761)	(1,416)	-46.3%	(1,207)	(892)	NA	(6,878)	(1,810)	NA

Bilateral Trade Summary September 1992

(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	21,902	34.3%	6,019	10.6%	(15,883)
Canada	4,790	7.5%	9,620	16.9%	4,830
Singapore	5,923	9.3%	2,787	4.9%	(3,136)
Mexico	4,176	6.5%	4,164	7.3%	(12)
Taiwan	5,716	9.0%	2,357	4.1%	(3,359)
S. Korea	4,109	6.4%	1,986	3.5%	(2,123)
U.K.	1,744	2.7%	4,366	7.7%	2,622
Germany	1,921	3.0%	3,826	6.7%	1,905
Malaysia	3,890	6.1%	1,601	2.8%	(2,289)
France	775	1.2%	2,140	3.8%	1,365
Other	8,886	13.9%	18,040	31.7%	9,154

Electronics Employment Summary September 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.
PRODUCTION WORKERS	843.1	843.4	NA	843.3	882.7	-4.5%
ALL EMPLOYEES	1,790.3	1,793.6	-0.2%	1,789.8	1,890.5	-5.3%
HOURLY WAGE INDEX	NA	NA		117.2	112.7	4.0%

Electronics Producer Price Index October 1992

(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	94.1	95.7	-1.6%	93.9	0.2%

U.S. Electronics Economic Summary

- Factory sales up 0.7% from prior month, up 5.2% through past 10 months
- Imports up 2.4% from prior month, exports up 13.6%
- Imports up 14% through September, exports up 5.1%
- Total employment down 0.2% from prior month
- Production worker hourly wage index up 4% from prior year
- Factory price index up 0.2% from September

Electronic Components
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,243	5,072	3.4%	5,254	4,734	11.0%	48,659	46,528	4.6%
New Orders	5,232	5,382	-2.8%	5,243	4,471	17.3%	49,322	46,285	6.6%
Production	5,172	5,113	1.1%	5,150	4,683	10.0%	48,697	46,322	5.1%
Inventory	8,014	8,085	-0.9%	8,014	8,410	-4.7%	NA	NA	
Unfilled Orders	13,366	13,378	-0.1%	13,086	11,906	9.9%	NA	NA	
Book/Bill Ratio	1.00	1.06	-6.0%	1.00	0.94	5.7%	NA	NA	
Inv/Sales Ratio	1.53	1.59	-4.1%	1.53	1.78	-14.2%	NA	NA	
Unf/Sales Ratio	2.55	2.64	-3.4%	2.49	2.52	-1.0%	NA	NA	
Prod/Sales Ratio	0.99	1.01	-2.2%	0.98	0.99	-0.9%	NA	NA	

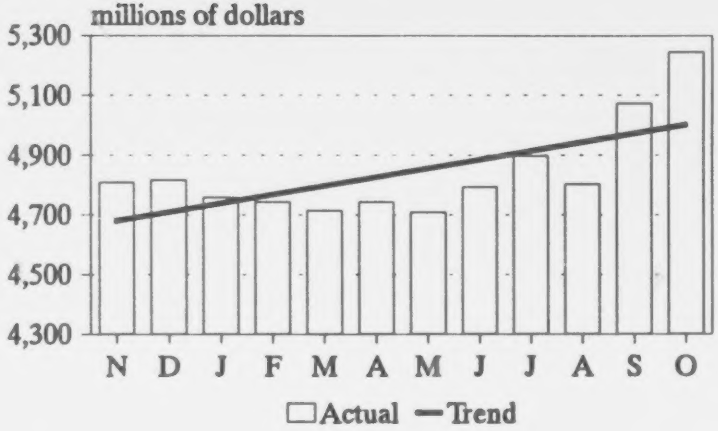
Electronic Components Economic Summary

- Factory sales up 3.4% from prior month, up 4.6% through past 10 months
- New orders down 2.8% from prior month, up 6.6% through October
- Inventory down 0.9% from prior month, down 4.7% from prior year
- Imports up 9.6% from prior month, exports up 16.2%
- Imports up 11.2% through September, exports up 5.8%
- Total employment down 4% from prior year
- Production worker hourly wage index up 5.1% from prior year
- Factory price index up 0.8% from prior month

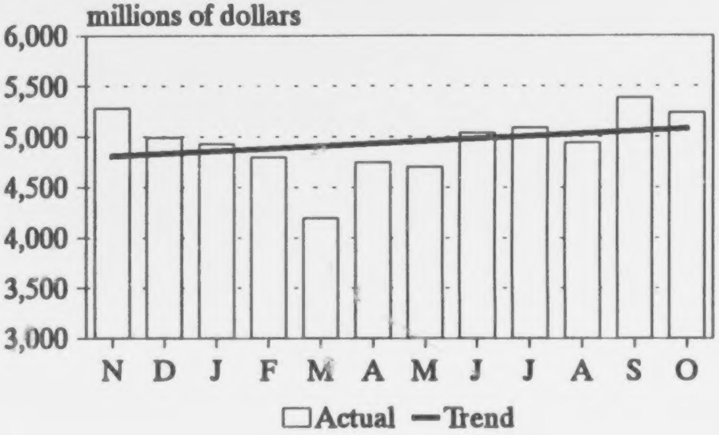
Electronics Components U.S Factory Trends October 1992

(all data seasonally adjusted)

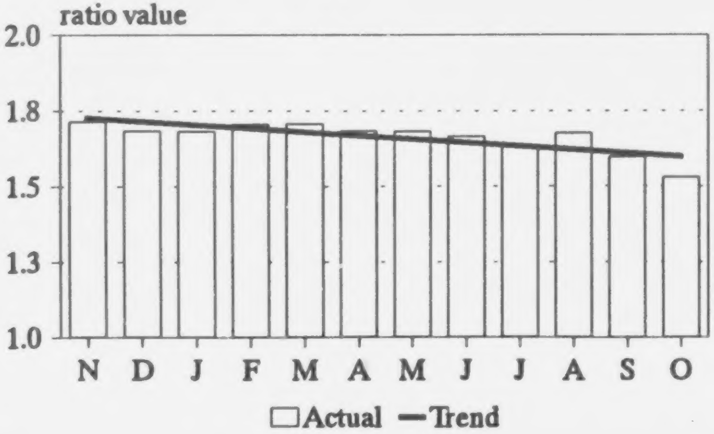
Factory Sales



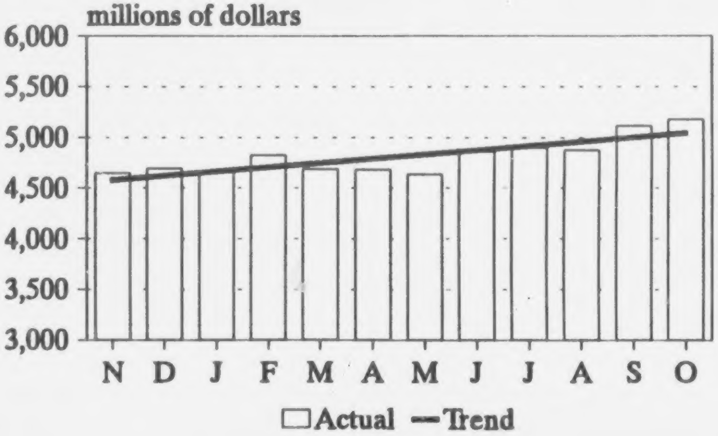
New Orders



Inventory/Sales Ratio



Production



Electronic Components Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	43	48	-10.4%	46	50	-8.0%	464	394	17.7%
Passive Components	783	747	4.8%	775	702	10.4%	6,527	6,479	0.7%
Solid State Products	1,430	1,264	13.1%	1,442	1,158	24.5%	11,396	9,668	17.9%
Total Components	2,256	2,059	9.6%	2,263	1,910	18.5%	18,387	16,541	11.2%
EXPORTS									
Electron Tubes	73	59	23.7%	74	56	32.1%	513	487	5.5%
Passive Components	489	439	11.4%	485	467	3.9%	4,226	4,307	-1.9%
Solid State Products	1,509	1,285	17.4%	1,525	1,234	23.6%	11,824	10,856	8.9%
Total Components	2,071	1,783	16.2%	2,084	1,757	18.6%	16,563	15,650	5.8%
BALANCE									
Electron Tubes	30	11	NA	28	6	NA	49	92	-46.9%
Passive Components	(294)	(308)	-4.5%	(290)	(235)	23.4%	(2,300)	(2,172)	5.9%
Solid State Products	79	21	NA	83	76	9.2%	428	1,189	-64.0%
Total Components	(185)	(276)	-33.0%	(179)	(153)	17.0%	(1,823)	(891)	104.7%

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	5,094,738	27.7%	Canada	3,486,964	21.0%
Canada	2,052,210	11.2%	Mexico	1,657,800	10.0%
Mexico	1,798,779	9.8%	Singapore	1,333,422	8.0%
S. Korea	1,618,114	8.8%	Japan	1,328,143	8.0%
Malaysia	1,593,206	8.7%	Malaysia	1,256,110	7.6%
Taiwan	1,490,802	8.1%	Taiwan	1,142,592	6.9%
Singapore	1,261,359	6.9%	U.K.	1,017,036	6.1%
Philipines	603,777	3.3%	S. Korea	793,517	4.8%
Germany	499,313	2.7%	Hong Kong	786,919	4.8%
Hong Kong	493,423	2.7%	Philipines	496,410	3.0%
Other	1,882,400	10.2%	Other	3,266,486	19.7%

Import/Export Product Summary September 1992

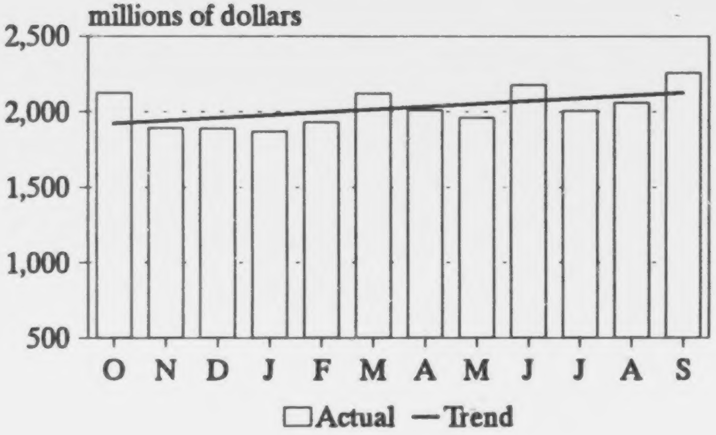
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	30,019	59,239	29,219	336,581	346,134	9,554
Receiving Tubes	559	471	(87)	2,448	4,903	2,455
Power and Special Purpose Tubes	15,490	14,595	(895)	125,735	162,369	36,634
Capacitors	53,139	53,586	447	449,531	437,612	(11,918)
Resistors	36,755	19,144	(17,611)	288,401	159,870	(128,531)
Relays	39,551	29,347	(10,204)	323,368	250,251	(73,116)
Connectors	47,926	34,377	(13,549)	388,764	274,076	(114,688)
Electronic Wire	84,611	78,795	(5,816)	717,157	778,233	61,076
Transformers	11,661	3,309	(8,352)	106,600	30,216	(76,383)
Power Supplies	93,682	16,818	(76,863)	762,448	107,619	(654,829)
Printed Circuits and Boards	98,482	87,982	(10,499)	962,188	875,466	(86,722)
Parts of TV/Audio Apparatus	217,364	126,544	(90,820)	1,780,726	1,026,373	(754,353)
Indicator Panels	34,329	5,258	(29,071)	279,505	36,951	(242,554)
Switches	14,806	2,254	(12,552)	126,849	21,236	(105,614)
Piezoelectric Crystals	14,902	5,018	(9,884)	121,684	36,662	(85,022)
Other Parts	27,538	22,468	(5,070)	220,268	192,167	(28,101)
Integrated Circuits						
EPROMs	56,094	25,979	(30,114)	447,214	201,700	(245,514)
Microprocessors	110,081	161,616	51,535	740,883	1,012,085	271,203
DRAMs	328,662	122,674	(205,988)	2,597,505	1,077,090	(1,520,415)
SRAMs	58,688	25,534	(33,154)	482,092	207,268	(274,824)
Analog	111,328	66,280	(45,048)	953,432	527,268	(426,164)
Other	490,836	371,120	(119,716)	3,869,961	2,577,767	(1,292,194)
Diodes	32,328	15,264	(17,064)	277,523	133,598	(143,925)
Transistors	47,464	6,370	(41,094)	402,343	48,759	(353,584)
Chips, Wafers, and Parts all Types	176,723	708,669	531,946	1,378,687	5,856,990	4,478,303
Other Semiconductor Devices	28,704	17,775	(10,929)	234,935	145,391	(89,545)
Solar Cells	1,035	4,199	3,165	11,294	37,345	26,051
Total	2,262,755	2,084,686	(178,070)	18,388,121	16,565,399	(1,822,722)

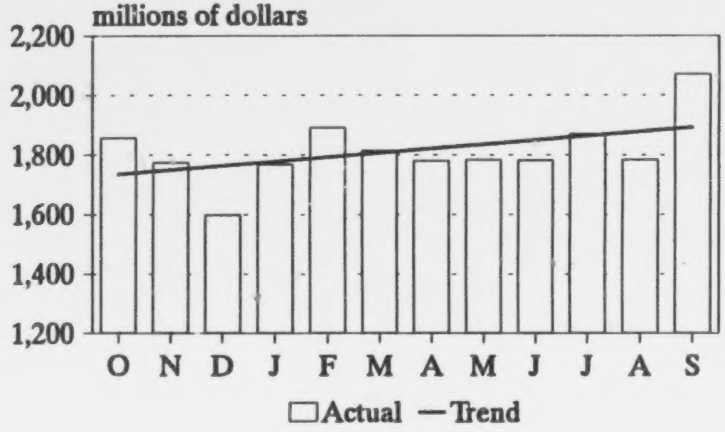
Electronic Components Trade Trends September 1992

(all data seasonally adjusted)

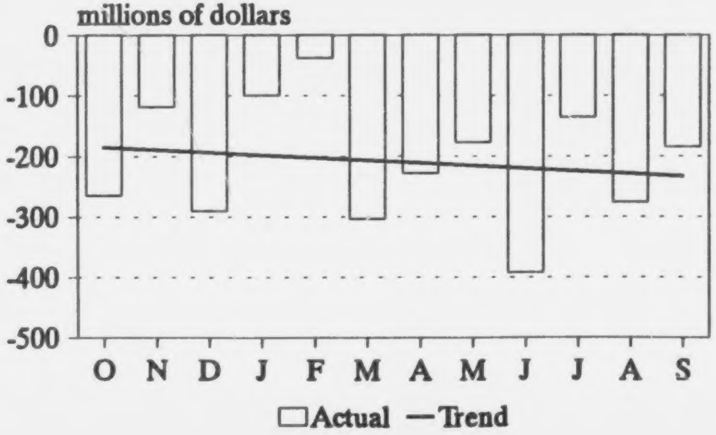
Imports



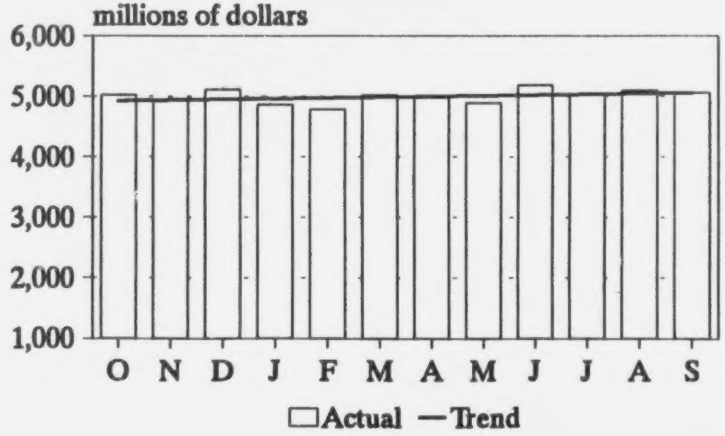
Exports



Balance of Trade



Consumption



Electronic Component Employment September 1992

(thousands of workers)

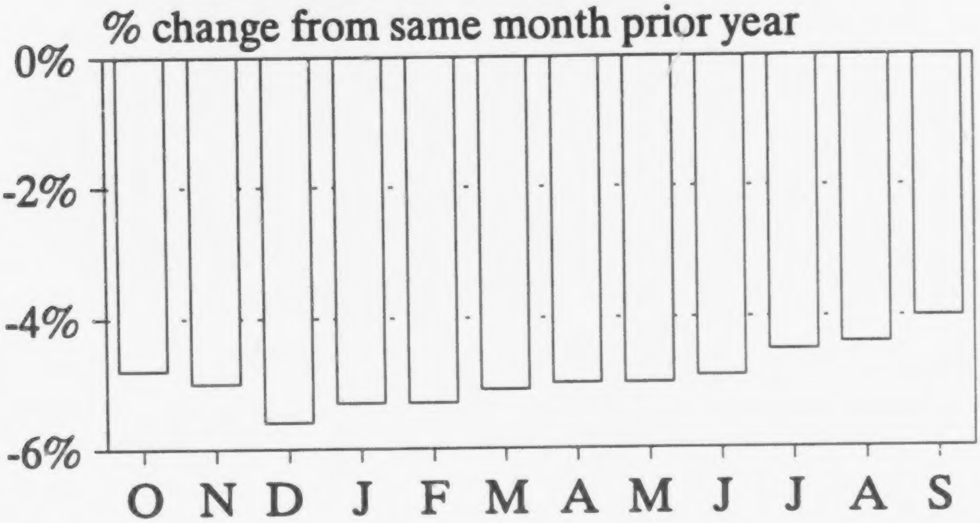
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	344.4	351.8	-2.1%	344.6	-0.1%
Electron Tubes	16.8	18.6	-9.7%	17.0	-1.2%
Semiconductors	92.7	91.4	1.4%	93.0	-0.3%
Other	234.9	241.8	-2.9%	234.6	0.1%
ALL EMPLOYEES	591.2	615.7	-4.0%	592.6	-0.2%
Electron Tubes	25.3	28.1	-10.0%	25.5	-0.8%
Semiconductors	222.4	231.6	-4.0%	223.3	-0.4%
Other	343.5	356.0	-3.5%	343.8	-0.1%
HOURLY WAGE INDEX	119.1	113.4	5.1%	118.7	0.3%
ANNUAL SALES/EMP	$95,682	$87,846	8.9%	$95,038	0.7%

Electronic Component Producer Price Indices October 1992

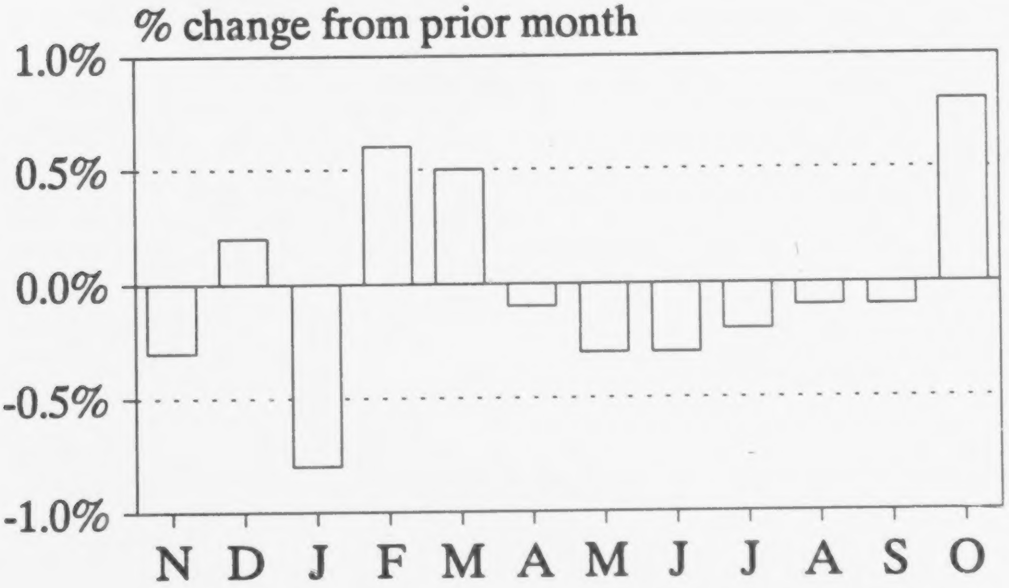
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	99.8	99.7	0.1%	99.1	0.8%
CRTs	98.2	98.5	-0.3%	98.2	NA
Capacitors	100.5	103.4	-2.7%	100.5	NA
Resistors	98.2	100.9	-2.7%	99.5	-1.3%
Relays	111.7	101.7	9.8%	111.7	NA
Switches	104.1	102.6	1.5%	103.7	0.4%
Connectors	107.5	105.8	1.7%	107.5	NA
Filters	105.5	103.7	1.7%	105.5	-0.1%
Antennae	88.9	89.1	-0.3%	88.5	0.5%
Diodes	97.8	99.3	-1.5%	97.4	0.4%
Transistors	98.7	98.3	0.4%	98.7	NA
Semiconductors	83.8	98.0	-14.5%	81.8	2.4%
Printed Circuits	99.0	99.7	-0.7%	99.7	-0.6%
Electronic Wire	99.6	100.1	-0.6%	99.5	0.1%

Electronic Components
All Employees September 1992



Electronic Components
Composite Price Index October 1992



Domestically-Produced Consumer Electronics
U.S. Factory Data October 1992
(millions of dollars)

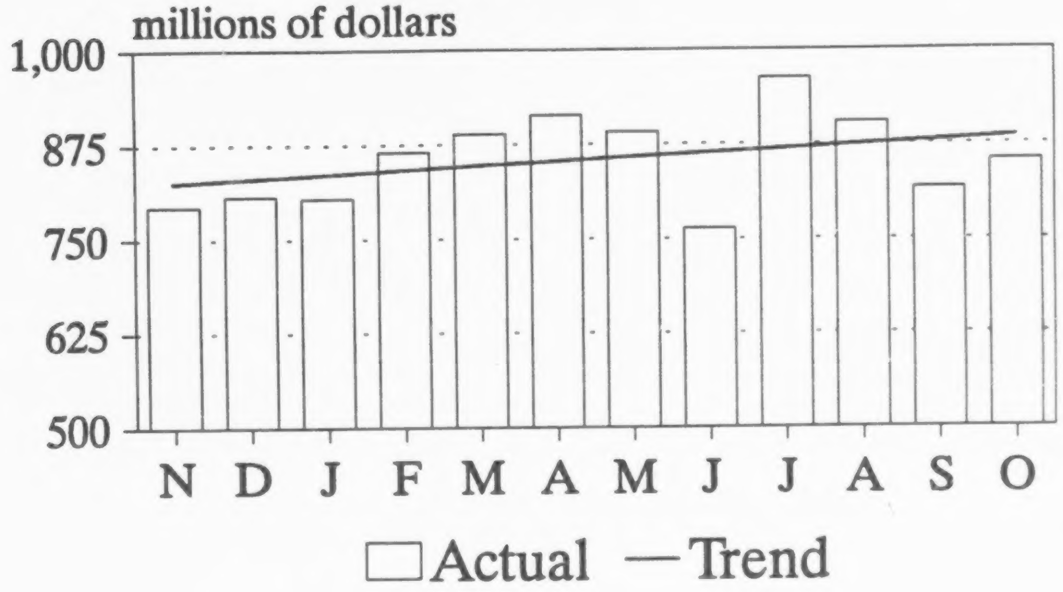
	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	854	818	4.4%	896	910	-1.6%	8,209	7,350	11.7%
Inventory	1,380	1,403	-1.6%	1,422	1,381	3.0%	NA	NA	
Inv/Sales Ratio	1.62	1.72	-5.8%	1.59	1.52	4.6%	NA	NA	

Total Consumer Electronics Sales Including Imports
October 1992
(not seasonally adjusted millions of dollars)

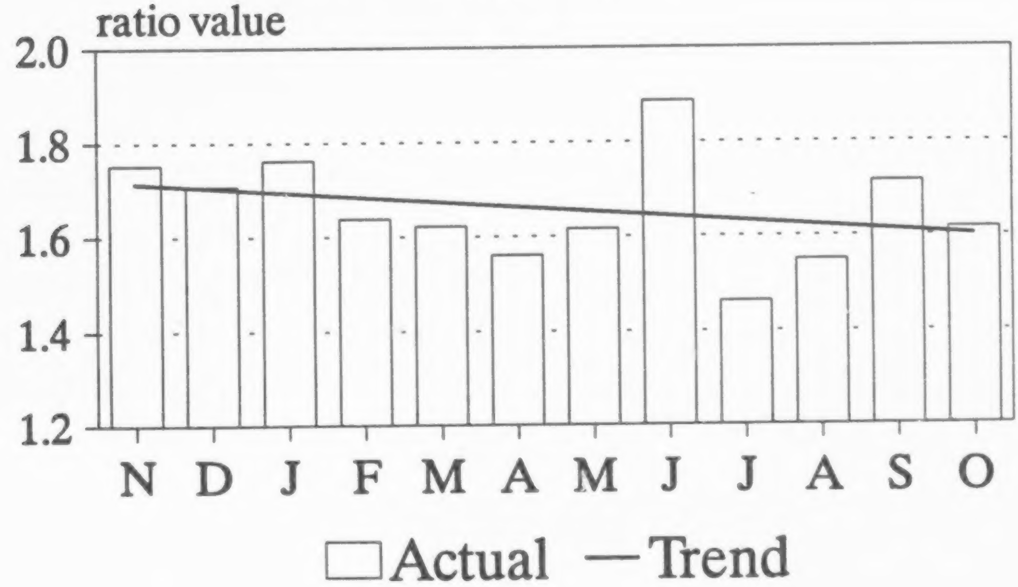
	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
VIDEO PRODUCTS	1,446	1,071	35.0%	9,409	8,109	16.0%
Color TVs	829	619	34.1%	4,855	4,368	11.1%
VCR Decks	351	237	48.1%	2,324	1,650	40.8%
Camcorders	158	130	21.6%	1,410	1,408	0.2%
Other	108	85	26.0%	821	684	20.1%
AUDIO PRODUCTS	1,061	993	6.8%	8,266	7,780	6.3%
Portable	298	263	13.5%	1,997	1,695	17.9%
Home Components	189	196	-3.4%	1,295	1,504	-13.9%
Autosound	395	374	5.5%	3,862	3,553	8.7%
Audio Systems	179	160	11.6%	1,112	1,028	8.1%
HOME INFORMATION EQUIPMENT	1,056	960	10.0%	9,001	8,377	7.4%
BLANK MEDIA AND ACCESSORIES	383	397	-3.5%	3,354	3,276	2.4%
TOTAL	3,946	3,421	15.4%	30,031	27,542	9.0%

Domestically Produced Consumer Electronics
U.S. Factory Trends October 1992

Factory Sales



Inventory/Sales



Consumer Electronics Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,222	1,397	-12.5%	1,598	1,564	2.2%	11,528	10,005	15.2%
Exports	271	244	11.1%	280	233	20.2%	2,238	1,869	19.7%
Balance	(951)	(1,153)	-17.5%	(1,318)	(1,331)	-1.0%	(9,289)	(8,136)	14.2%

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	5,311,661	46.1%	Canada	566,104	25.3%
Malaysia	1,174,864	10.2%	Mexico	354,292	15.8%
S. Korea	1,171,205	10.2%	Japan	203,496	9.1%
Mexico	1,121,369	9.7%	Taiwan	102,208	4.6%
China	825,617	7.2%	Germany	92,117	4.1%
Taiwan	496,298	4.3%	U.K.	84,056	3.8%
Singapore	493,237	4.3%	Netherlands	76,238	3.4%
Thailand	418,117	3.6%	Argentina	75,410	3.4%
Indonesia	112,698	1.0%	Hong Kong	61,174	2.7%
Hong Kong	91,675	0.8%	Venezuela	60,219	2.7%
Other	310,514	2.7%	Other	562,615	25.1%

Import/Export Product Summary September 1992

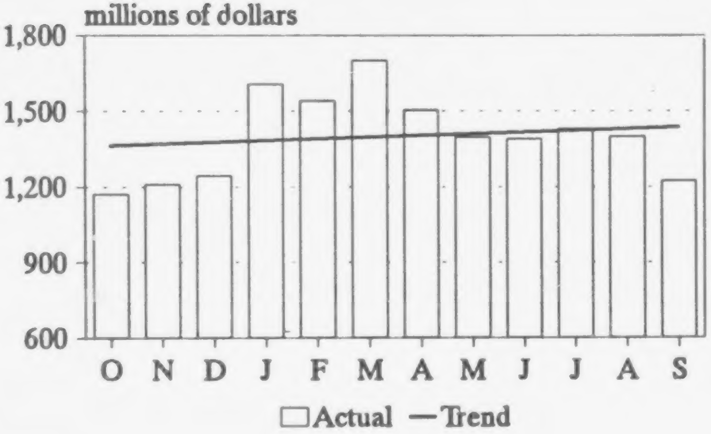
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	188,813	49,056	(139,757)	1,373,200	370,865	(1,002,336)
Monochrome TV Receivers	10,311	4,526	(5,785)	72,320	44,461	(27,859)
VCR Decks	319,388	18,293	(301,095)	2,214,182	156,980	(2,057,202)
Camcorders	169,643	0	(169,643)	1,065,483	0	(1,065,483)
Videocassette Players	18,127	0	(18,127)	84,739	0	(84,739)
Laserdisc Players	20,637	6,140	(14,497)	125,473	51,860	(73,613)
Portable Audio Equipment	104,332	9,300	(95,032)	974,655	69,779	(904,876)
Separate Audio Components	271,730	91,387	(180,344)	2,028,557	760,891	(1,267,667)
Home Radios	17,514	988	(16,526)	114,979	4,135	(110,844)
Home Radio/Tape Combinations	128,683	4,586	(124,096)	816,612	35,543	(781,068)
Autosound Equipment	113,591	24,135	(89,456)	1,021,955	214,280	(807,675)
Blank Media	66,164	39,773	(26,391)	577,226	318,773	(258,453)
Video Games	168,817	31,817	(137,000)	1,057,872	210,363	(847,509)
Total	1,597,750	280,002	(1,317,749)	11,527,255	2,237,929	(9,289,327)

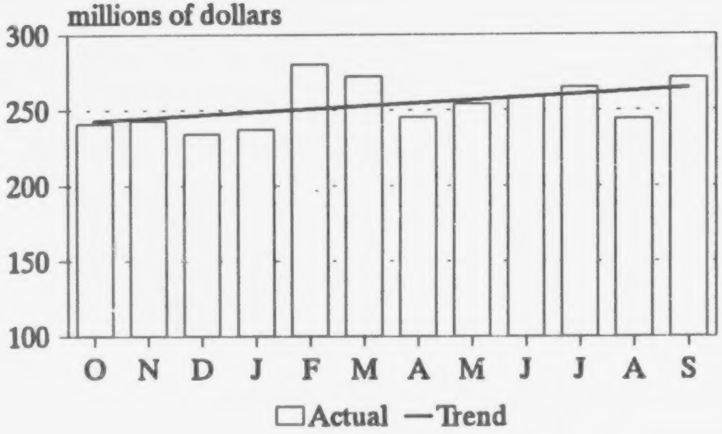
Consumer Electronics Trade Trends September 1992

(all data seasonally adjusted)

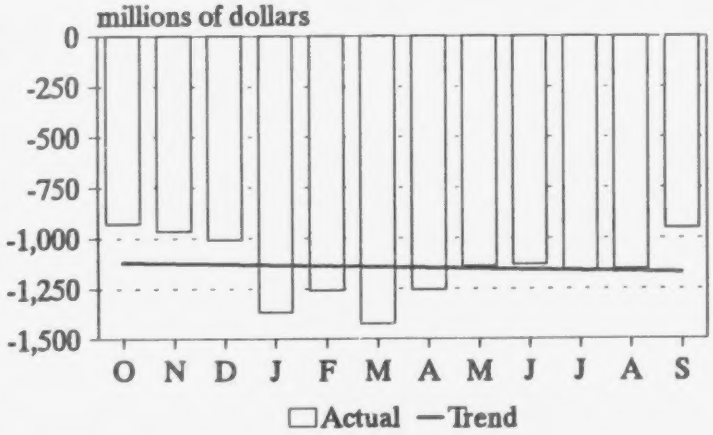
Imports



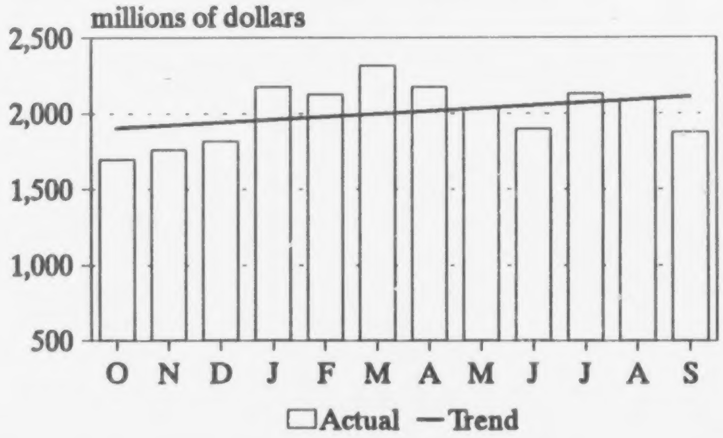
Exports



Balance of Trade



Consumption



Consumer Electronics Employment September 1992

(thousands of workers)

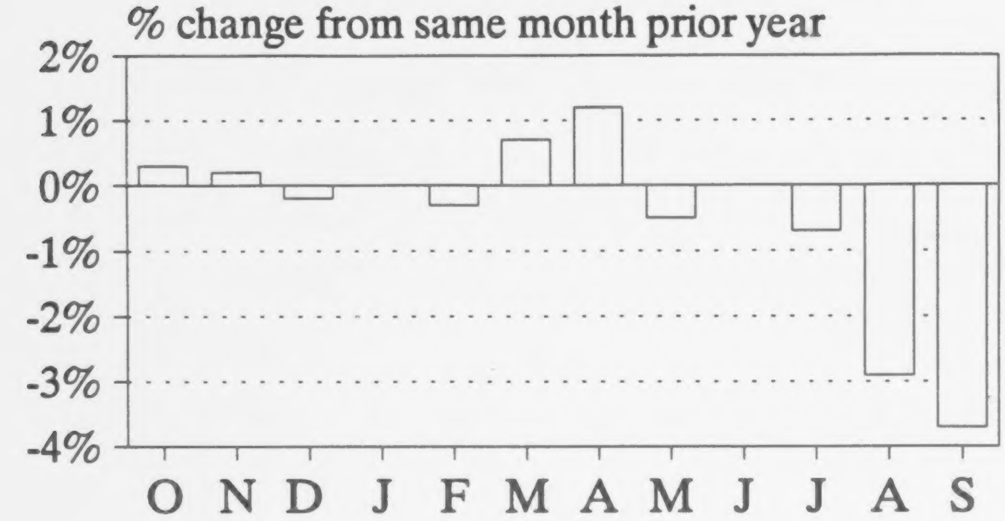
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	39.2	41.1	-4.6%	39.2	NA
ALL EMPLOYEES	60.6	62.9	-3.7%	60.6	NA
HOURLY WAGE INDEX	115.0	113.9	0.9%	115.2	-0.2%
ANNUAL SALES/EMP	$168,528	$141,769	18.9%	$165,636	1.7%

Consumer Electronics Producer Price Indices October 1992

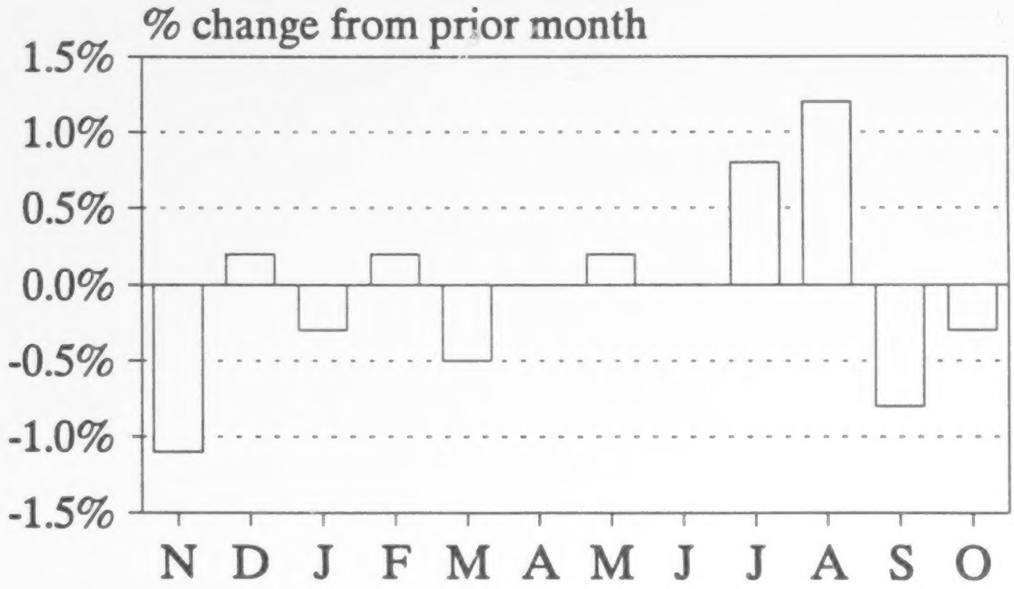
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	95.1	95.7	-0.6%	95.4	-0.3%
Home Audio	85.7	84.9	0.9%	85.3	0.5%
Portable Audio	90.8	102.9	-11.8%	91.8	-1.1%
Autosound	95.9	91.4	4.9%	97.1	-1.2%
Audio Systems	100.1	91.0	10.1%	100.2	NA
Color TV	95.5	97.9	-2.5%	95.9	-0.4%
Projection TV	94.7	99.1	-4.4%	93.7	1.1%
VCR Decks	99.7	96.9	2.9%	100.6	-0.9%
Camcorders	86.3	92.5	-6.7%	86.3	NA

Consumer Electronics
All Employees September 1992



Consumer Electronics
Composite Price Index October 1992



Telecommunications Equipment
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	3,695	3,671	0.7%	3,324	3,352	-0.8%	32,078	28,354	13.1%
New Orders	3,794	3,744	1.3%	3,464	3,223	7.5%	32,285	26,732	20.8%
Production	3,625	3,578	1.3%	3,228	3,163	2.0%	32,137	28,899	11.2%
Inventory	7,260	7,330	-1.0%	7,259	7,122	1.9%	NA	NA	
Unfilled Orders	12,452	12,353	0.8%	12,482	12,346	1.1%	NA	NA	
Book/Bill Ratio	1.03	1.02	0.7%	1.04	0.96	8.4%	NA	NA	
Inv/Sales Ratio	1.97	2.00	-1.6%	2.18	2.12	2.8%	NA	NA	
Unf/Sales Ratio	3.37	3.37	0.1%	3.75	3.68	1.9%	NA	NA	
Prod/Sales Ratio	0.98	0.97	0.7%	0.97	0.94	2.9%	NA	NA	

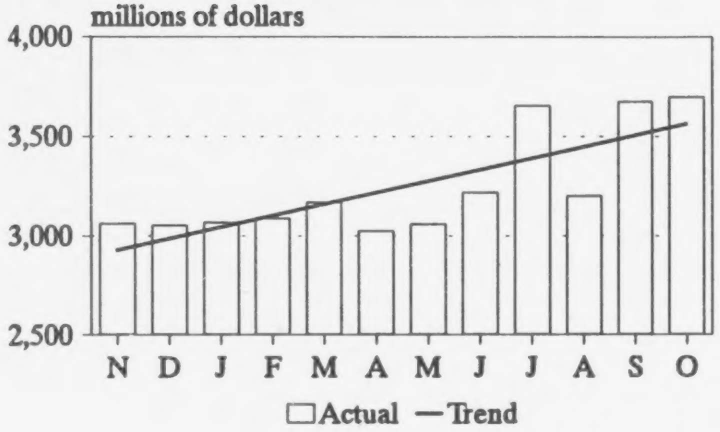
Telecommunications Economic Summary

- Factory sales up 0.7% from prior month, up 13.1% through past 10 months
- New orders up 1.3% from prior month, up 20.8% through October
- Inventory down 1% from prior month, up 1.9% from prior year
- Imports up 6.3% from prior month, exports up 26.7%
- Imports up 13.1% through September, exports up 10%
- Total employment down 5.4% from prior year
- Production worker hourly wage index up 0.3% from prior year
- Factory price index up 0.3% from prior month

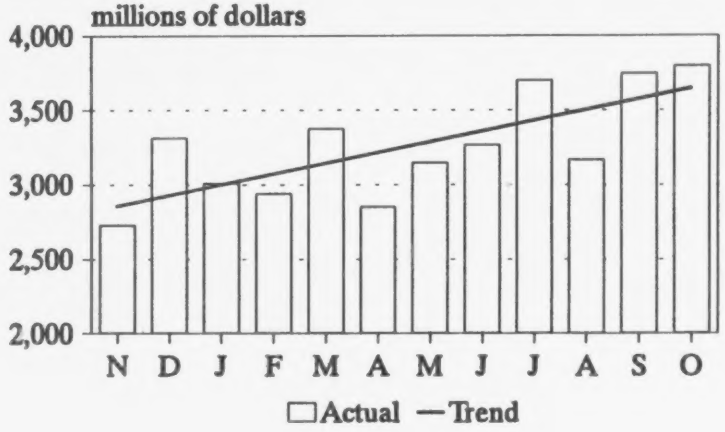
Telecommunications Equipment U.S Factory Trends October 1992

(all data seasonally adjusted)

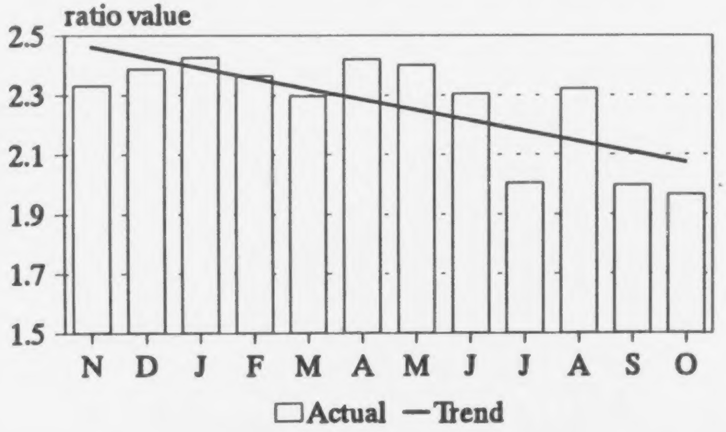
Factory Sales



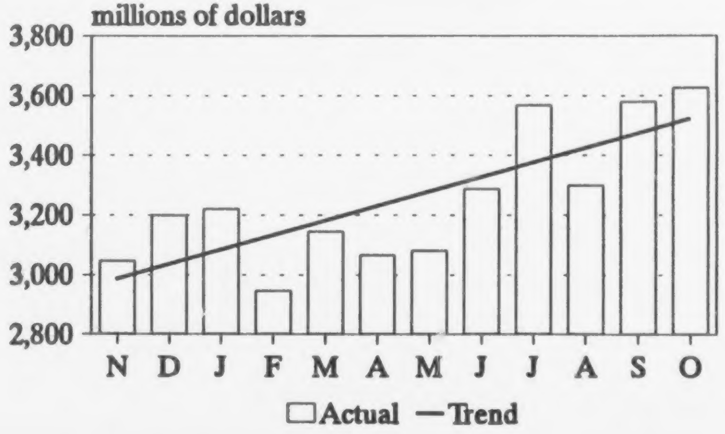
New Orders



Inventory/Sales Ratio



Production



Telecommunications Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	725	682	6.3%	744	627	18.7%	5,981	5,287	13.1%
Exports	768	606	26.7%	754	605	24.6%	5,985	5,443	10.0%
Balance	43	(76)	NA	10	(22)	NA	4	156	-97.2%

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	2,128,529	35.6%	Canada	976,808	16.3%
Canada	693,321	11.6%	Mexico	809,473	13.5%
Malaysia	477,868	8.0%	Japan	431,530	7.2%
Taiwan	455,398	7.6%	U.K.	373,099	6.2%
China	396,230	6.6%	Taiwan	247,807	4.1%
Mexico	300,888	5.0%	Germany	231,809	3.9%
S. Korea	246,524	4.1%	S. Korea	208,392	3.5%
Thailand	219,346	3.7%	Australia	204,098	3.4%
Singapore	207,235	3.5%	Italy	161,536	2.7%
Philipines	173,814	2.9%	Netherlands	150,595	2.5%
Other	681,656	11.4%	Other	2,189,244	36.6%

Import/Export Product Summary September 1992

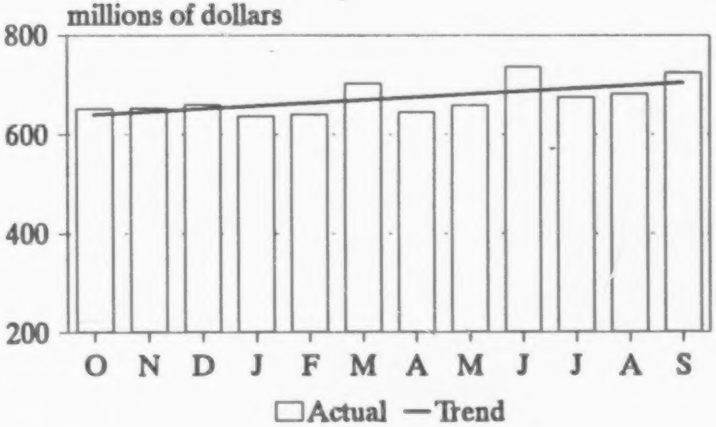
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	90,187	17,143	(73,044)	772,177	170,549	(601,628)
Telephonic Apparatus and Parts	118,236	192,250	74,014	843,509	1,328,620	485,111
Telegraphic Apparatus and Parts	55,067	68,931	13,863	422,285	579,971	157,686
Radio Transmitters	6,623	27,759	21,136	43,209	222,049	178,839
Radio Receivers	20,446	24,454	4,009	158,090	187,607	29,517
Radio Transceivers	55,276	75,574	20,298	455,662	680,901	225,240
Telephone Answering Devices	30,822	15,516	(15,307)	225,276	100,815	(124,460)
Transmission/Reception Apparatus	128,518	159,714	31,195	1,109,633	1,433,874	324,241
Cellular Telephones	31,342	74,617	43,275	281,569	525,309	243,741
Facsimile Machines	91,097	0	(91,097)	698,367	0	(698,367)
Cordless Telephones	81,960	11,836	(70,124)	680,657	96,459	(584,197)
Modems	11,532	34,911	23,379	118,038	273,204	155,166
Paging Alert Devices	334	317	(17)	2,760	771	(1,988)
Fiber Optic Cable	8,353	15,717	7,365	44,904	118,456	73,552
Other Cable and Parts	14,288	34,990	20,702	124,675	265,804	141,129
Total	744,080	753,728	9,649	5,980,809	5,984,391	3,582

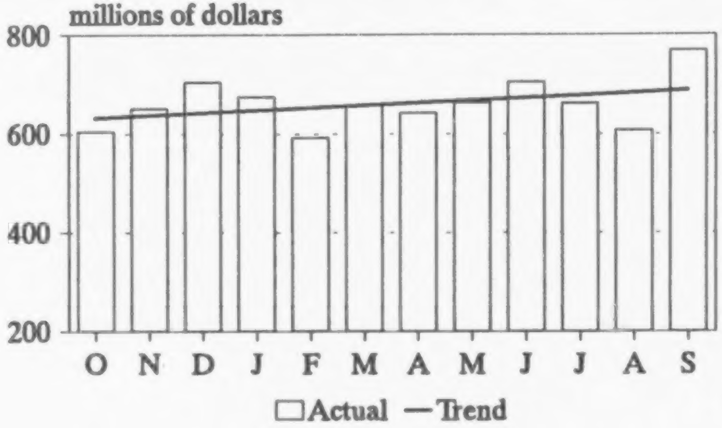
Telecommunications Trade Trends August 1992

(all data seasonally adjusted)

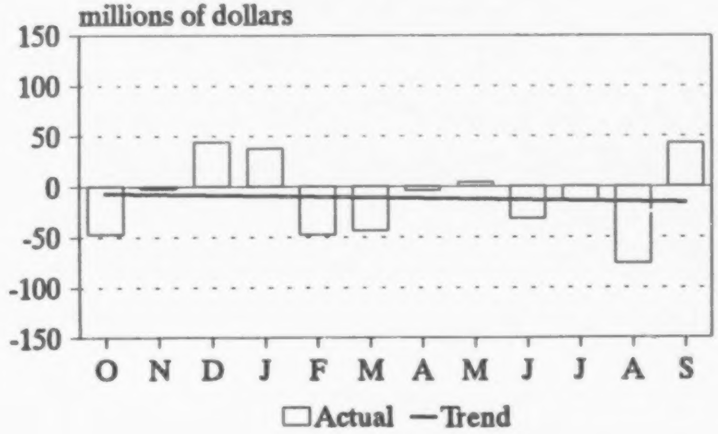
Imports



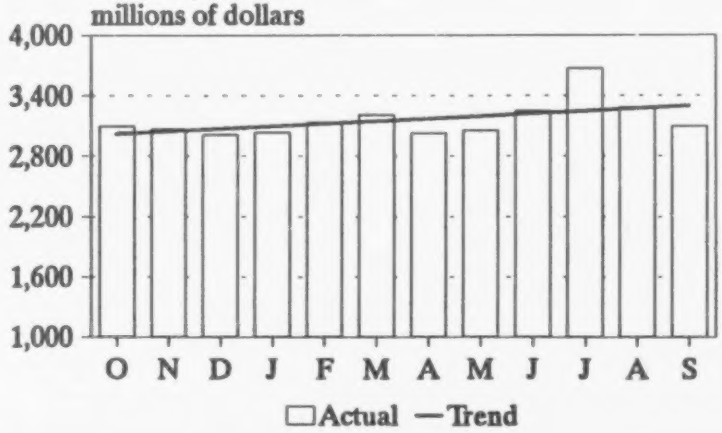
Exports



Balance of Trade



Consumption



Telecommunications Equipment Employment September 1992

(thousands of workers)

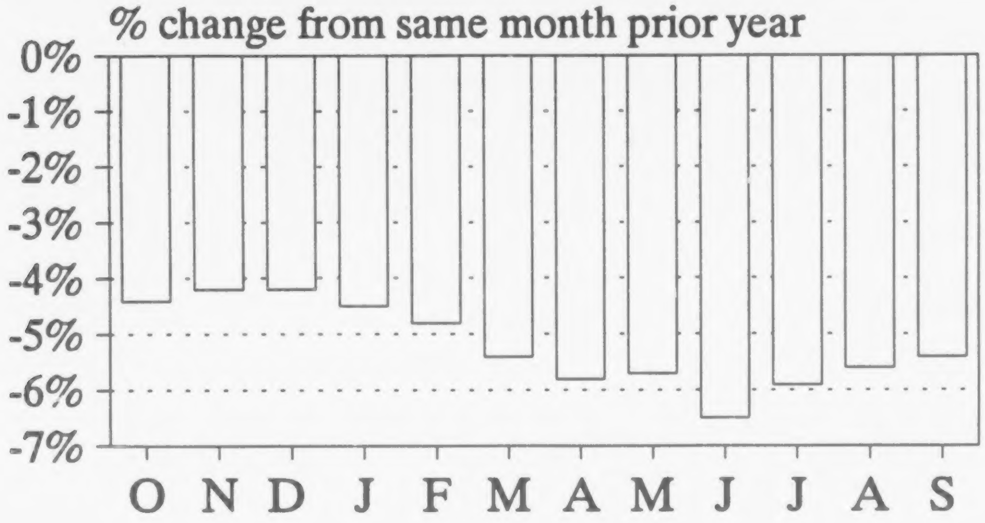
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	121.2	126.8	-4.4%	120.9	0.2%
Telephone Equip.	62.4	64.5	-3.3%	61.7	1.1%
Other	58.8	62.3	-5.6%	59.2	-0.7%
ALL EMPLOYEES	236.6	250.0	-5.4%	237.0	-0.2%
Telephone Equip.	112.1	117.2	-4.4%	111.9	0.2%
Other	124.5	132.8	-6.3%	125.1	-0.5%
HOURLY WAGE INDEX	108.3	108.0	0.3%	108.6	-0.3%
ANNUAL SALES/EMP	$119,763	$104,261	14.9%	$118,839	0.8%

Telecommunications Equipment Producer Price Indices October 1992

(12/90=100)

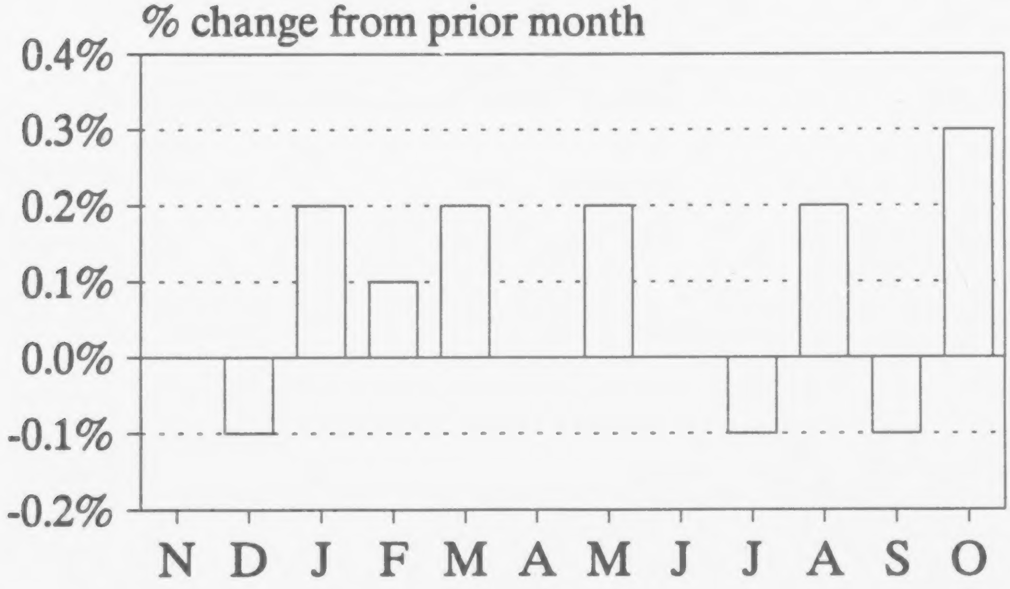
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	103.8	102.6	1.2%	103.4	0.3%
Line Transmission	98.6	98.1	0.5%	98.6	NA
Switching Equipment	104.8	103.8	1.0%	104.6	0.2%
Telephone Sets	94.1	95.0	-0.9%	94.1	NA
Other Telephone	102.6	102.5	0.1%	101.1	1.5%
Broadcast Equipment	103.7	102.2	1.4%	103.7	NA
Mobile Communications	105.5	103.5	2.0%	105.0	0.5%
Intercom Systems	101.4	101.3	0.1%	101.4	NA
Fiber Optic Cable	103.9	104.0	-0.1%	103.9	NA

Telecommunications
All Employees September 1992



% change from same month prior year

Telecommunications
Composite Price Index October 1992



% change from prior month

Other Specialized Communications
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,343	2,532	-7.5%	2,335	2,696	-13.4%	24,173	26,181	-7.7%
New Orders	1,716	2,559	-33.0%	1,872	2,709	-30.9%	20,463	24,056	-14.9%
Production	2,116	2,428	-12.8%	2,161	2,692	-19.7%	23,346	25,856	-9.7%
Inventory	6,397	6,624	-3.4%	6,449	7,746	-16.7%	NA	NA	
Unfilled Orders	31,857	32,484	-1.9%	31,800	36,773	-13.5%	NA	NA	
Book/Bill Ratio	0.73	1.01	-27.5%	0.80	1.00	-20.2%	NA	NA	
Inv/Sales Ratio	2.73	2.62	4.4%	2.76	2.87	-3.9%	NA	NA	
Unf/Sales Ratio	13.60	12.83	6.0%	13.62	13.64	-0.2%	NA	NA	
Prod/Sales Ratio	0.90	0.96	-5.8%	0.93	1.00	-7.3%	NA	NA	

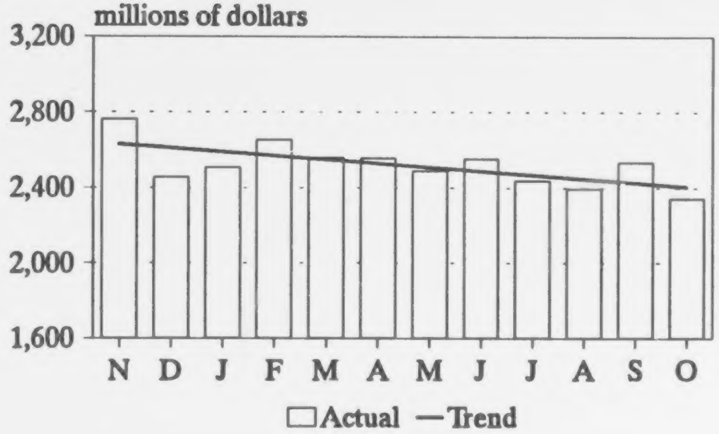
Other Specialized Communications Economic Summary

- Factory sales down 7.5% from September, down 7.7% through past 10 months
- New orders down 33% from prior month, down 14.9% through October
- Inventory down 3.4% from prior month, down 16.7% from prior year
- Imports up 2.2% from prior month, exports unchanged
- Imports up 6.8% through September, exports down 2.6%
- Total employment down 10.4% from prior year
- Production worker hourly wage index up 3.9% from prior year
- Factory price index up 0.2% from prior month

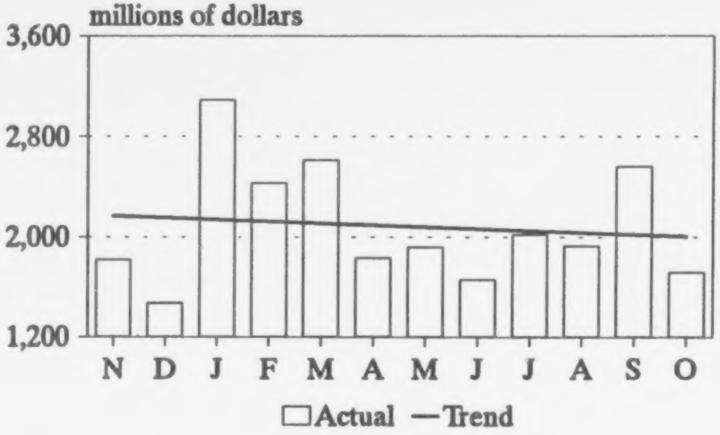
Other Communications U.S Factory Trends October 1992

(all data seasonally adjusted)

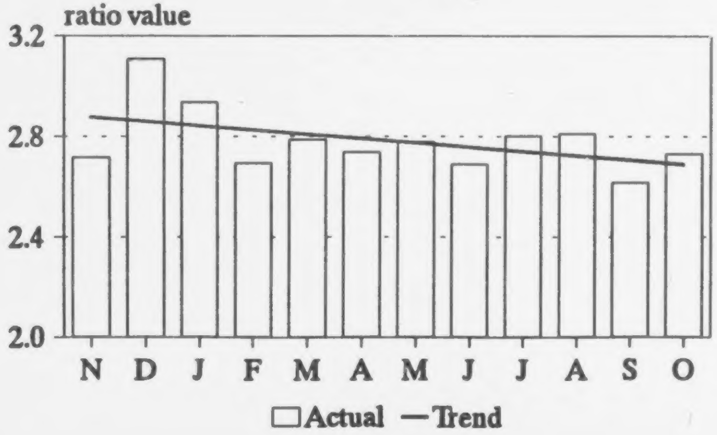
Factory Sales



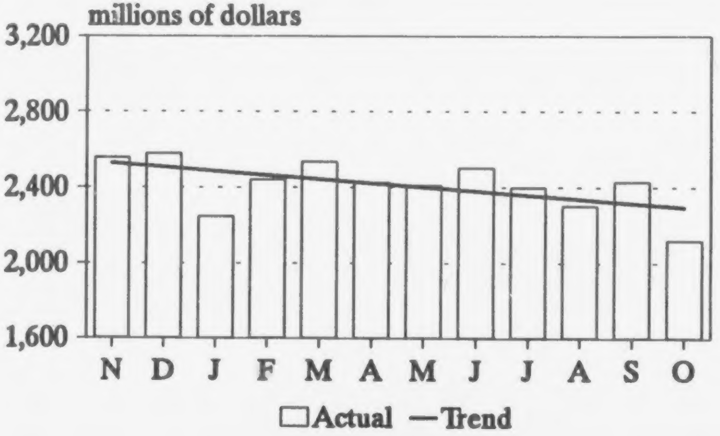
New Orders



Inventory/Sales Ratio



Production



Other Specialized Communications Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	91	89	2.2%	91	80	13.8%	821	769	6.8%
Exports	190	190	NA	194	227	-14.5%	1,861	1,910	-2.6%
Balance	99	101	-2.0%	103	147	-29.9%	1,041	1,142	-8.9%

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	147,321	18.1%	Japan	228,839	12.3%
Japan	103,315	12.7%	Canada	203,591	10.9%
U.K.	100,429	12.4%	U.K.	147,593	7.9%
France	88,282	10.9%	France	142,110	7.6%
Taiwan	80,841	9.9%	Netherlands	106,158	5.7%
Mexico	71,292	8.8%	Egypt	97,707	5.3%
Germany	46,204	5.7%	Taiwan	91,889	4.9%
S. Korea	33,799	4.2%	Germany	66,945	3.6%
China	33,407	4.1%	Israel	64,770	3.5%
Israel	30,773	3.8%	S. Korea	58,990	3.2%
Other	77,218	9.5%	Other	651,742	35.0%

Import/Export Product Summary September 1992

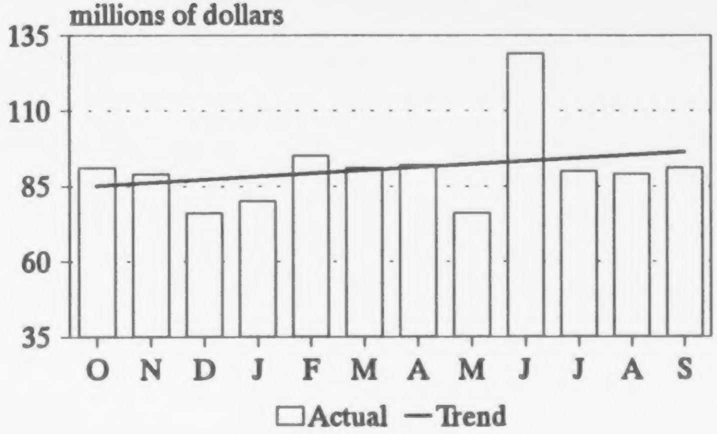
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors and Other Alarms	26,088	13,868	(12,219)	181,940	131,889	(50,050)
Sound/Sight Signaling Apparatus	1,270	6,895	5,624	10,374	49,199	38,825
Radar/Radio Navigational Equipment	62,753	171,464	108,711	611,262	1,664,275	1,053,013
Meteorological/Geophysical Inst.	670	1,491	822	9,305	14,970	5,665
Total	90,781	193,718	102,937	812,881	1,860,334	1,047,453

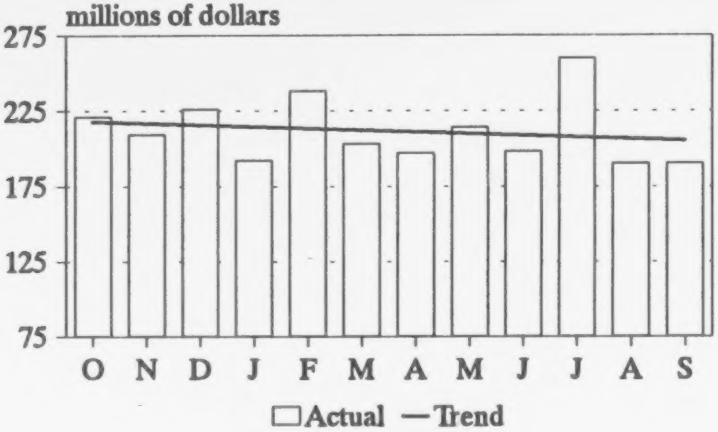
Other Communications Trade Trends September 1992

(all data seasonally adjusted)

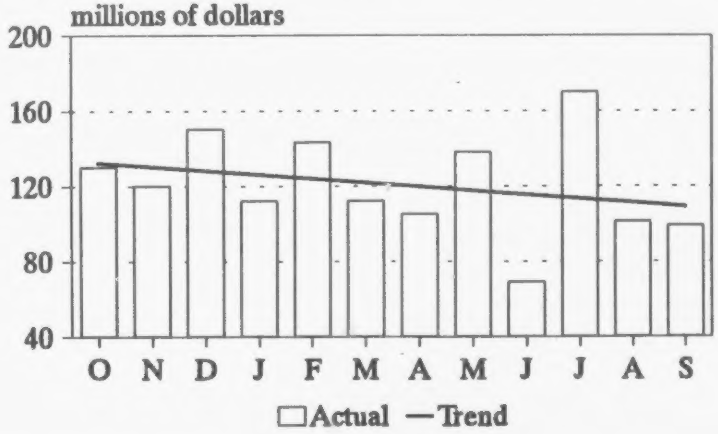
Imports



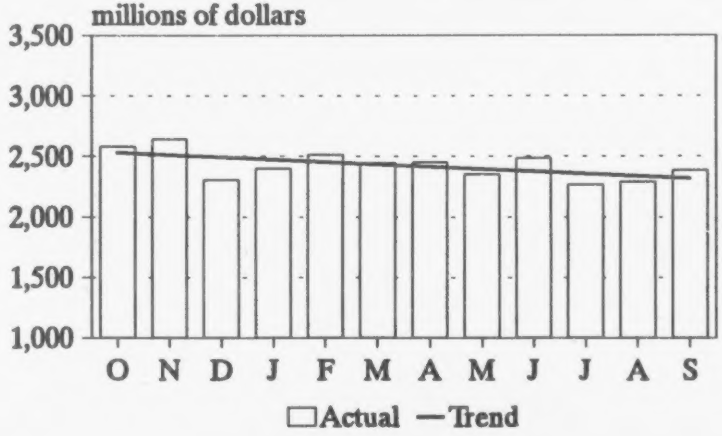
Exports



Balance of Trade



Consumption



Other Specialized Communications Employment September 1992

(thousands of workers)

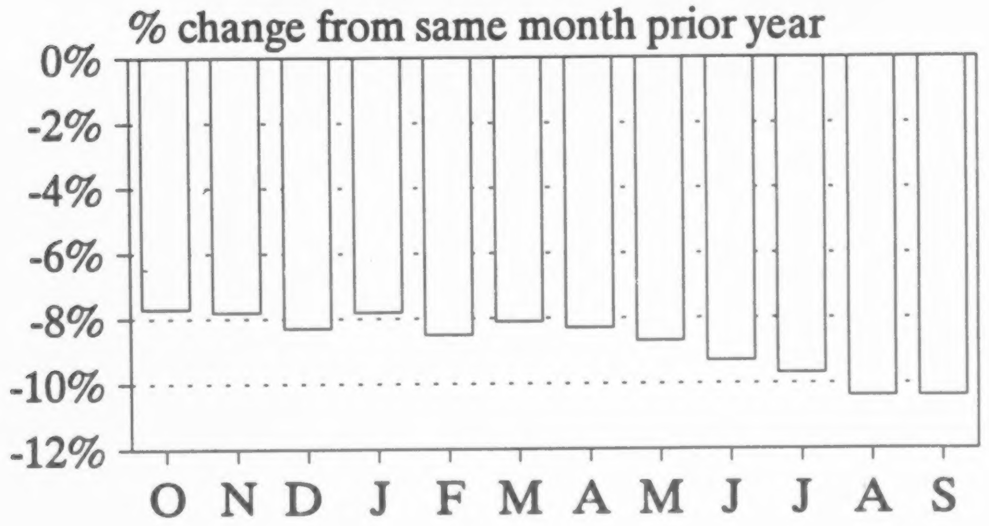
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	73.4	82.0	-10.5%	73.4	NA
ALL EMPLOYEES	232.5	259.5	-10.4%	233.9	-0.6%
HOURLY WAGE INDEX	120.7	116.1	3.9%	119.4	1.1%
ANNUAL SALES/EMP	$123,952	$122,320	1.3%	$123,573	0.3%

Other Specialized Communications Producer Price Indices October 1992

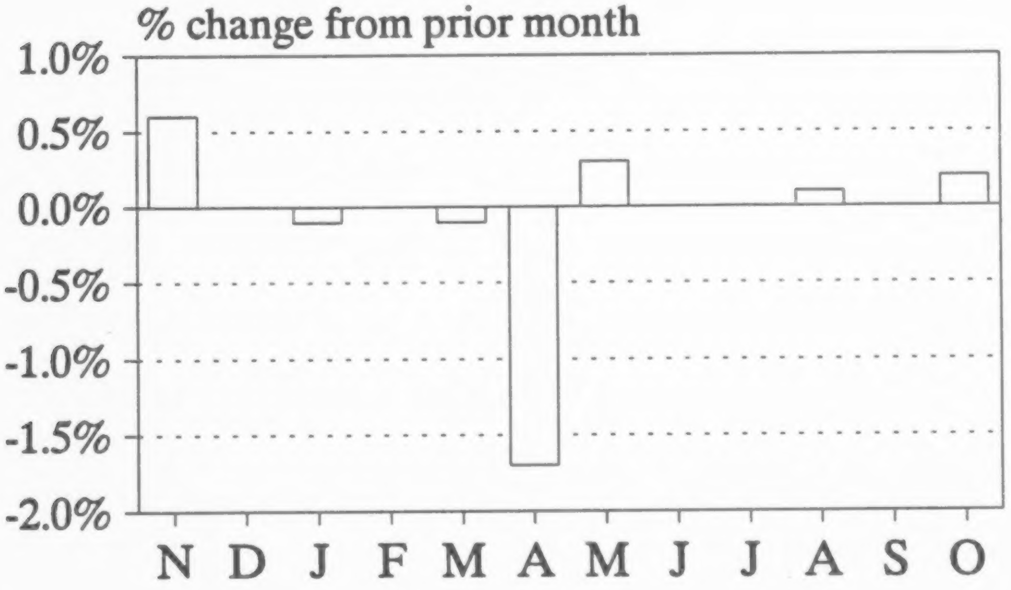
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	99.0	99.8	-0.8%	98.9	0.2%
Navigation Systems	101.1	102.1	-0.9%	101.9	-0.7%
Radar Equipment	101.4	99.1	2.3%	101.4	NA
Defense Electronics	95.8	99.7	-4.0%	95.2	0.6%

Other Communications
All Employees September 1992



Other Communications
Composite Price Index October 1992



Computers & Peripherals
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	4,735	4,813	-1.6%	4,266	4,166	2.4%	47,060	41,699	12.9%
New Orders	4,736	4,808	-1.5%	4,290	3,931	9.1%	46,165	41,790	10.5%
Production	4,855	4,770	1.8%	4,466	4,175	7.0%	47,425	41,661	13.8%
Inventory	8,070	7,950	1.5%	8,207	8,584	-4.4%	NA	NA	
Unfilled Orders	6,646	6,644	NA	6,792	8,829	-23.1%	NA	NA	
Book/Bill Ratio	1.00	1.00	0.1%	1.01	0.94	6.6%	NA	NA	
Inv/Sales Ratio	1.70	1.65	3.2%	1.92	2.06	-6.6%	NA	NA	
Unf/Sales Ratio	1.40	1.38	1.7%	1.59	2.12	-24.9%	NA	NA	
Prod/Sales Ratio	1.03	0.99	3.5%	1.05	1.00	4.5%	NA	NA	

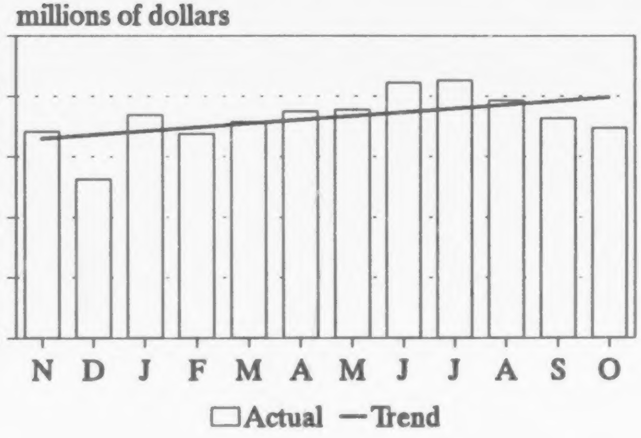
Computers & Peripherals Economic Summary

- Factory sales down 1.6% from prior month, up 12.9% through past 10 months
- New orders down 1.5% from prior month, up 10.5% through October
- Inventory up 1.5% from prior month, down 4.4% from prior year
- Imports up 3.3% from prior month, exports up 11.5%
- Imports up 19.1% through September, exports up 3.9%
- Total employment down 4.9% from prior year
- Production worker hourly wage index up 1.5% from prior year
- Factory price index down 0.6% from prior month

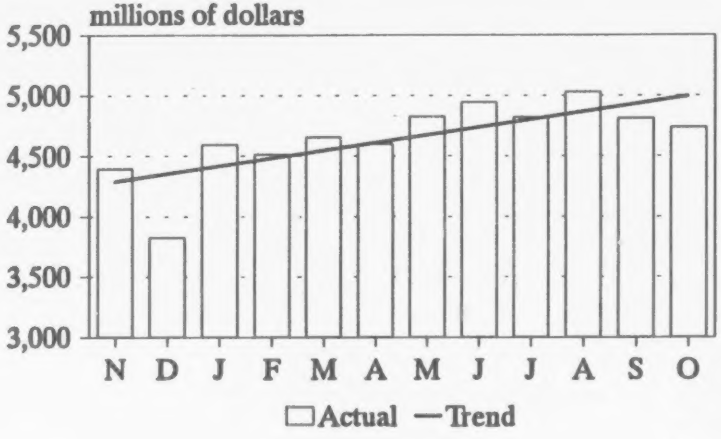
Computers & Peripherals U.S Factory Trends October 1992

(all data seasonally adjusted)

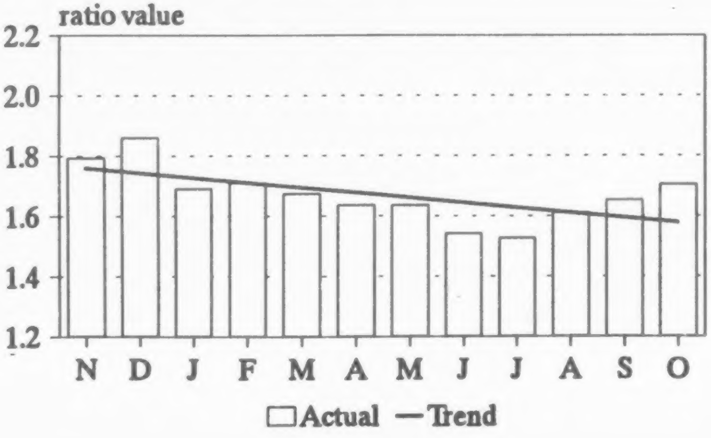
Factory Sales



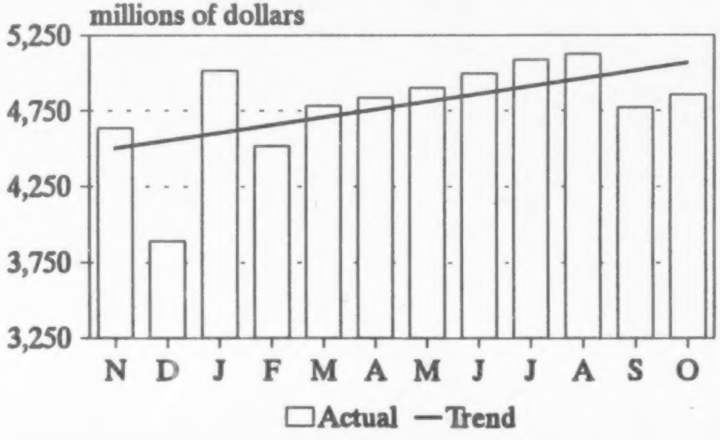
New Orders



Inventory/Sales Ratio



Production



Computer & Peripheral Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	2,966	2,872	3.3%	3,002	2,389	25.7%	23,107	19,408	19.1%
Exports	2,742	2,460	11.5%	2,722	2,388	14.0%	22,116	21,284	3.9%
Balance	(224)	(412)	-45.6%	(280)	(1)	NA	(991)	1,876	NA

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	8,148,915	36.8%	Canada	3,430,340	15.5%
Singapore	3,921,929	17.7%	Japan	2,730,216	12.3%
Taiwan	3,134,820	14.2%	U.K.	2,225,870	10.1%
Canada	1,546,427	7.0%	Germany	2,077,288	9.4%
S. Korea	1,016,722	4.6%	Netherlands	1,445,579	6.5%
U.K.	799,540	3.6%	Singapore	1,086,377	4.9%
Mexico	673,251	3.0%	France	1,049,287	4.7%
Malaysia	630,282	2.9%	Mexico	857,996	3.9%
Thailand	612,512	2.8%	Australia	776,387	3.5%
Hong Kong	503,242	2.3%	Taiwan	476,293	2.2%
Other	1,127,429	5.1%	Other	5,959,436	26.9%

Import/Export Product Summary September 1992

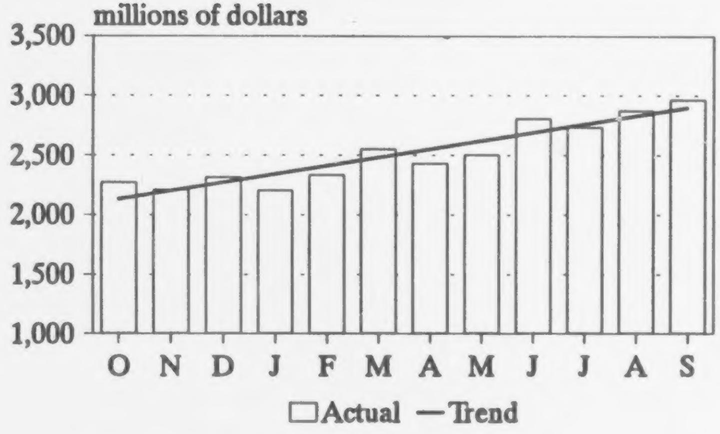
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	480,689	790,587	309,898	3,272,964	6,164,965	2,892,002
Monitors	346,584	64,915	(281,669)	2,785,576	538,187	(2,247,389)
Disk Drives and Blank Computer Media	906,219	511,309	(394,910)	6,734,499	4,229,642	(2,504,857)
Printers	268,693	117,526	(151,167)	2,190,069	977,648	(1,212,421)
Other Computer Peripherals	68,407	105,161	36,754	585,717	906,867	321,150
Other Business Machines and Parts	931,416	1,132,046	200,631	7,539,615	9,297,759	1,758,144
Total	3,002,008	2,721,544	(280,463)	23,108,439	22,115,069	(993,370)

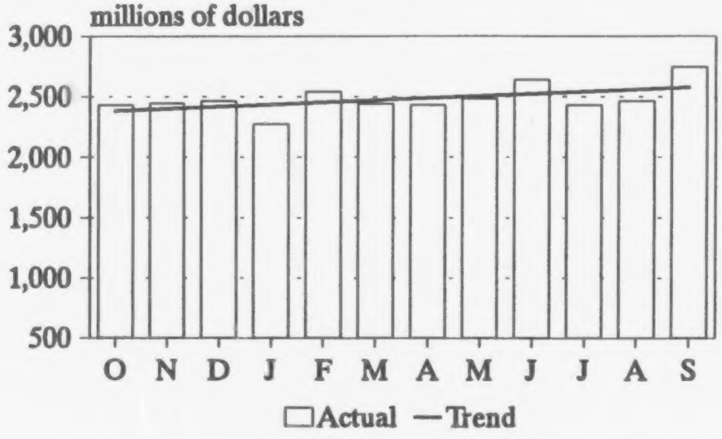
Computers & Peripherals Trade Trends September 1992

(all data seasonally adjusted)

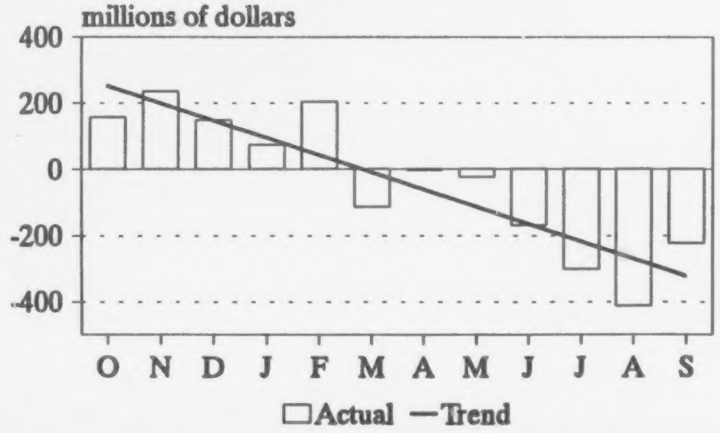
Imports



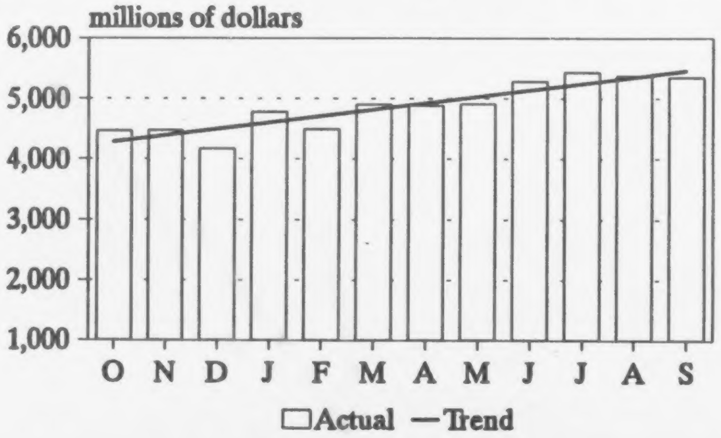
Exports



Balance of Trade



Consumption



Computer & Peripheral Employment September 1992

(thousands of workers)

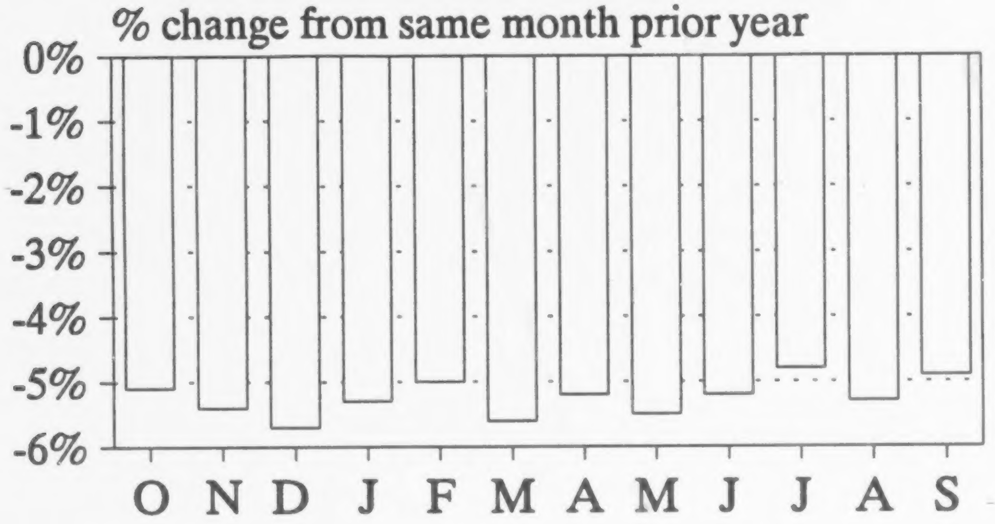
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	130.4	134.8	-3.3%	130.7	-0.2%
Computers	60.5	64.9	-6.8%	60.8	-0.5%
Other	69.9	69.9	NA	69.9	NA
ALL EMPLOYEES	392.2	412.2	-4.9%	394.5	-0.6%
Computers	237.6	255.0	-6.8%	239.3	-0.7%
Other	154.6	157.2	-1.7%	155.2	-0.4%
HOURLY WAGE INDEX	116.8	115.1	1.5%	117.4	-0.5%
ANNUAL SALES/EMP	$119,351	$103,726	15.1%	$117,446	1.6%

Computer & Peripheral Producer Price Indices October 1992

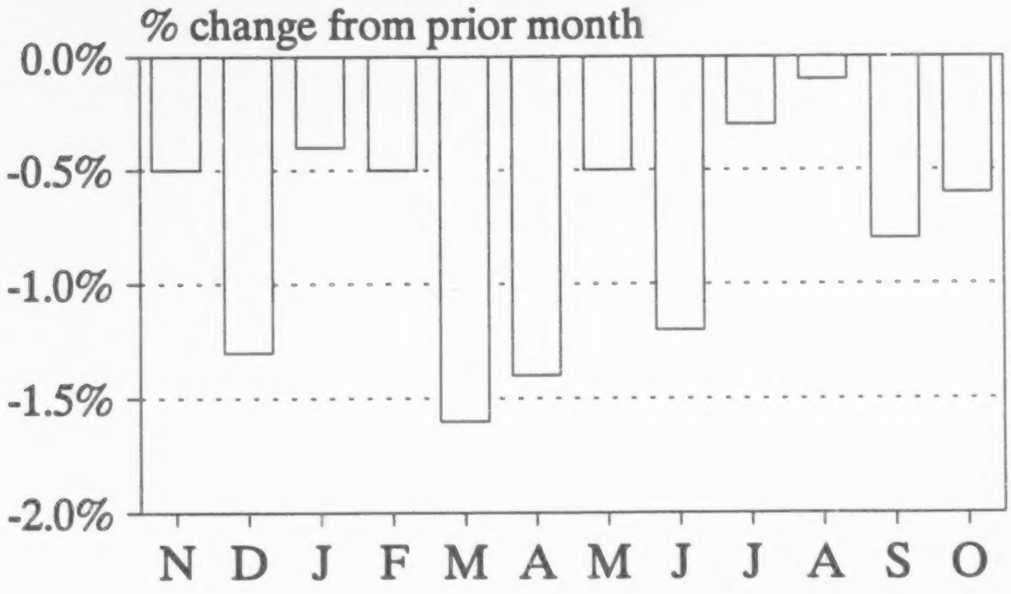
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	73.5	80.6	-8.9%	73.9	-0.6%
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	63.8	79.6	-19.8%	65.5	-2.6%
Hard Disks	105.5	99.8	5.7%	101.8	3.6%
Floppy Diskettes	92.6	98.4	-5.9%	92.6	NA

Computers & Peripherals
All Employees September 1992



Computers & Peripherals
Composite Price Index October 1992



Industrial Electronics
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,107	2,128	-1.0%	2,127	2,078	2.3%	20,593	20,142	2.2%
New Orders	2,233	2,063	8.2%	2,753	2,061	33.6%	23,453	19,964	17.5%
Production	2,051	2,140	-4.1%	2,060	2,043	0.8%	19,278	19,950	-3.4%
Inventory	4,446	4,501	-1.2%	3,090	4,538	-31.9%	NA	NA	
Unfilled Orders	5,140	5,103	0.7%	3,198	5,384	-40.6%	NA	NA	
Book/Bill Ratio	1.06	0.97	9.3%	1.29	0.99	30.6%	NA	NA	
Inv/Sales Ratio	2.11	2.12	-0.2%	1.45	2.18	-33.5%	NA	NA	
Unf/Sales Ratio	2.44	2.40	1.7%	1.50	2.59	-42.0%	NA	NA	
Prod/Sales Ratio	0.97	1.01	-3.2%	0.97	0.98	-1.4%	NA	NA	

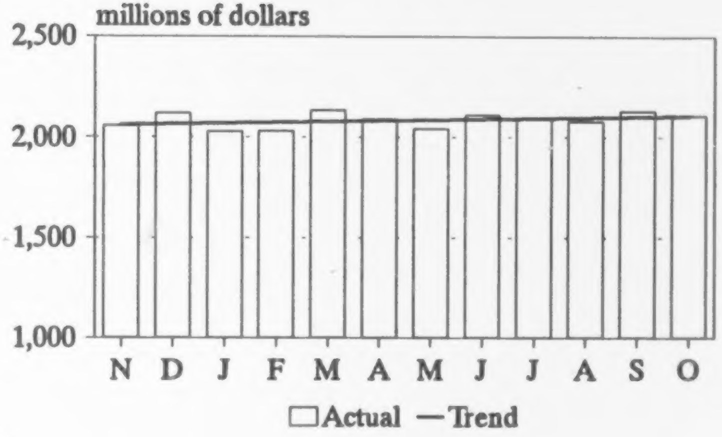
Industrial Electronics Economic Summary

- Factory sales down 1% from prior month, up 2.2% through past 10 months
- New orders up 8.2% from prior month, up 17.5% through October
- Inventory down 1.2% from prior month, down 31.9% from prior year
- Imports up 1.5% from prior month, exports up 13.3%
- Imports down 0.4% through September, exports down 2.7%
- Total employment down 6.1% from prior year
- Production worker hourly wage index up 5.9% from prior year
- Factory price index up 0.5% from prior month

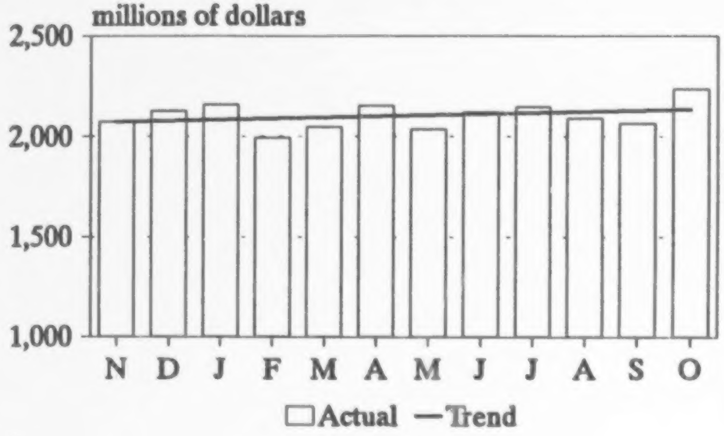
Industrial Electronics U.S Factory Trends October 1992

(all data seasonally adjusted)

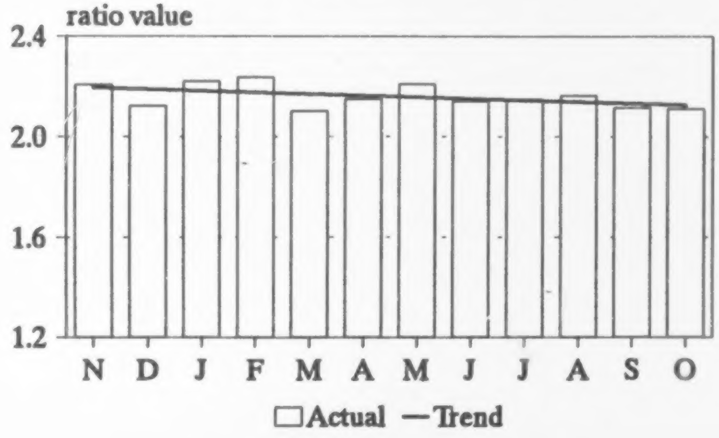
Factory Sales



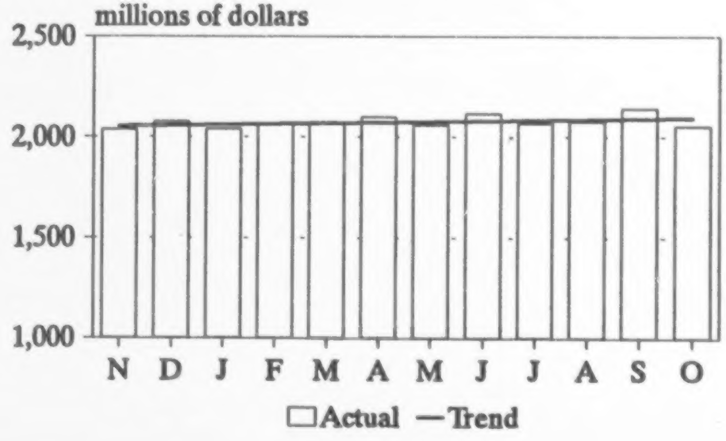
New Orders



Inventory/Sales Ratio



Production



Industrial Electronics Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	277	273	1.5%	279	259	7.7%	2,216	2,226	-0.4%
Exports	654	577	13.3%	656	656	0.0%	5,568	5,720	-2.7%
Balance	377	304	24.0%	377	397	-5.0%	3,352	3,494	-4.1%

Import/Export Country Summary September 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	589,828	25.2%	Japan	749,654	13.3%
Canada	287,916	12.3%	Canada	742,724	13.2%
U.K.	286,375	12.3%	Germany	443,167	7.9%
Germany	264,326	11.3%	U.K.	381,201	6.8%
Mexico	136,065	5.8%	S. Korea	375,193	6.7%
France	87,013	3.7%	Mexico	344,545	6.1%
Switzerland	60,419	2.6%	France	289,310	5.1%
Netherlands	57,887	2.5%	Taiwan	251,866	4.5%
Taiwan	48,081	2.1%	Italy	184,570	3.3%
Sweden	39,870	1.7%	Singapore	163,885	2.9%
Other	479,913	20.5%	Other	1,710,876	30.4%

Import/Export Product Summary September 1992

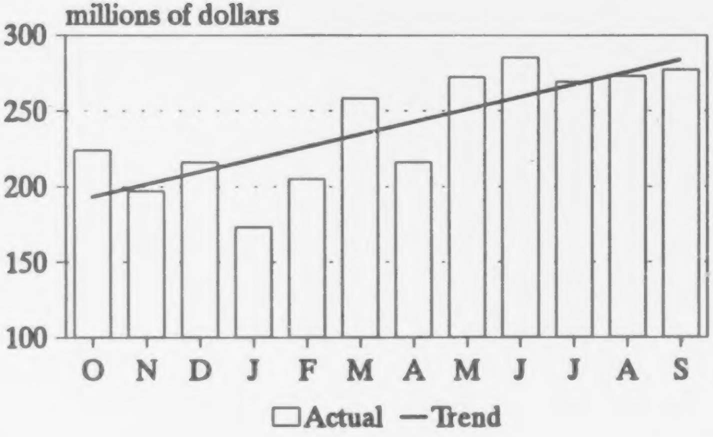
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	7,960	6,494	(1,466)	91,722	55,626	(36,096)
Testing/Analyzing Equipment	48,226	183,076	134,850	410,879	1,556,305	1,145,426
Measuring/Analyzing Equipment	71,534	209,268	137,734	602,033	1,827,042	1,225,009
Process/Control Devices	32,139	55,515	23,376	278,658	486,891	208,233
Other Electronic Machinery	119,385	201,227	81,842	954,401	1,711,127	756,727
Total	279,245	655,581	376,336	2,337,693	5,636,991	3,299,299

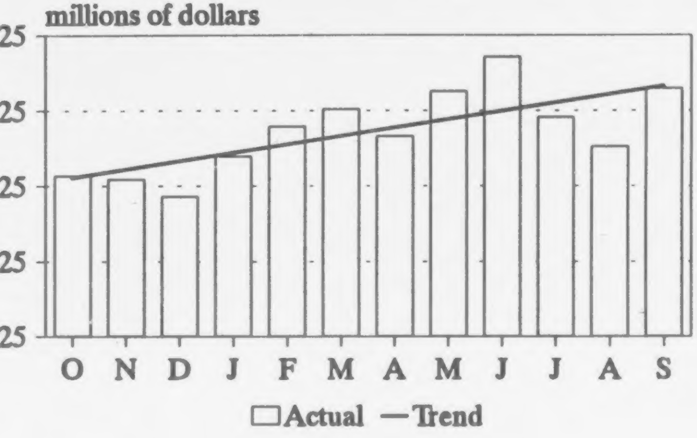
Industrial Electronics Trade Trends September 1992

(all data seasonally adjusted)

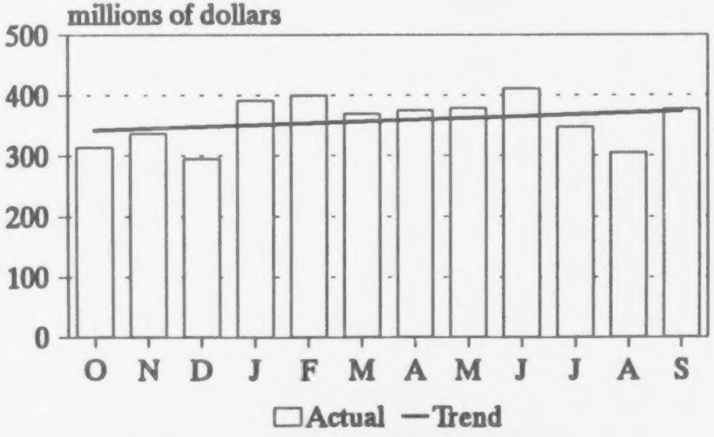
Imports



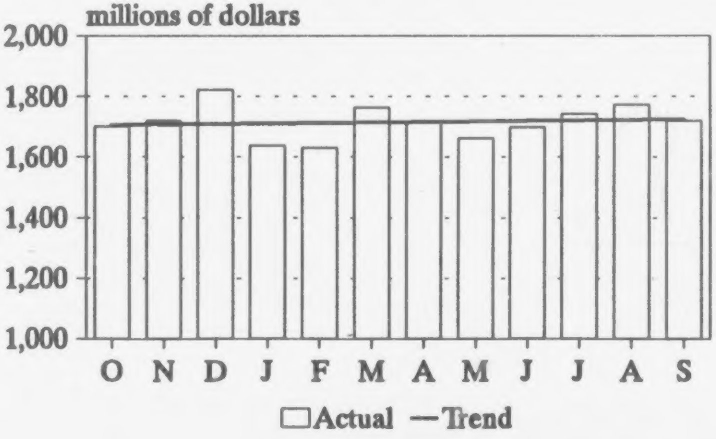
Exports



Balance of Trade



Consumption



Industrial Electronics Employment September 1992

(thousands of workers)

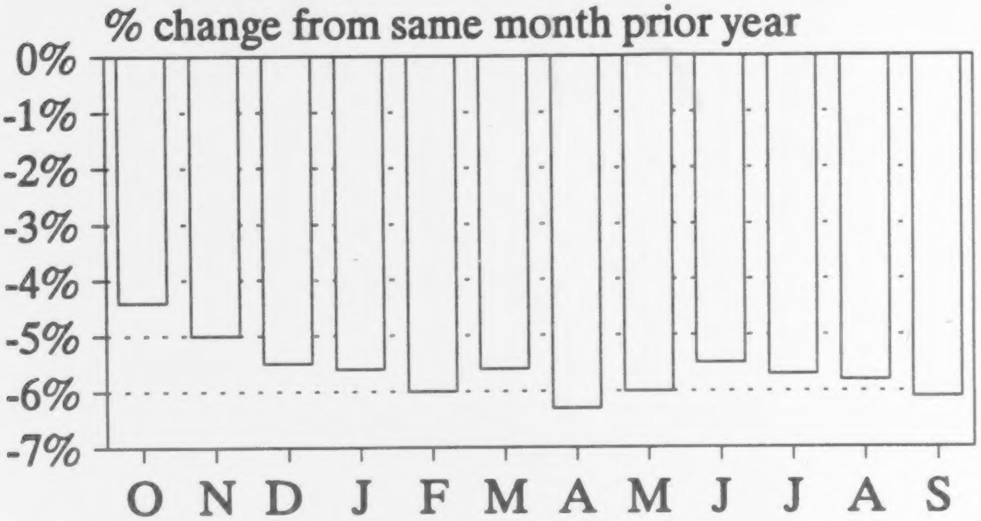
	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	116.6	129.1	-9.7%	117.3	-0.6%
Process Controls	27.3	31.4	-13.1%	27.7	-1.4%
Testing/Measuring	38.7	42.7	-9.4%	38.7	NA
Other	50.6	55.0	-8.0%	50.9	-0.6%
ALL EMPLOYEES	231.2	246.1	-6.1%	232.1	-0.4%
Process Controls	57.6	61.9	-6.9%	58.1	-0.9%
Testing/Measuring	79.3	85.3	-7.0%	79.4	-0.1%
Other	94.3	98.9	-4.7%	94.6	-0.3%
HOURLY WAGE INDEX	120.9	114.1	5.9%	119.5	1.2%
ANNUAL SALES/EMP	$104,694	$96,485	8.5%	$104,049	0.6%

Industrial Electronics Producer Price Indices October 1992

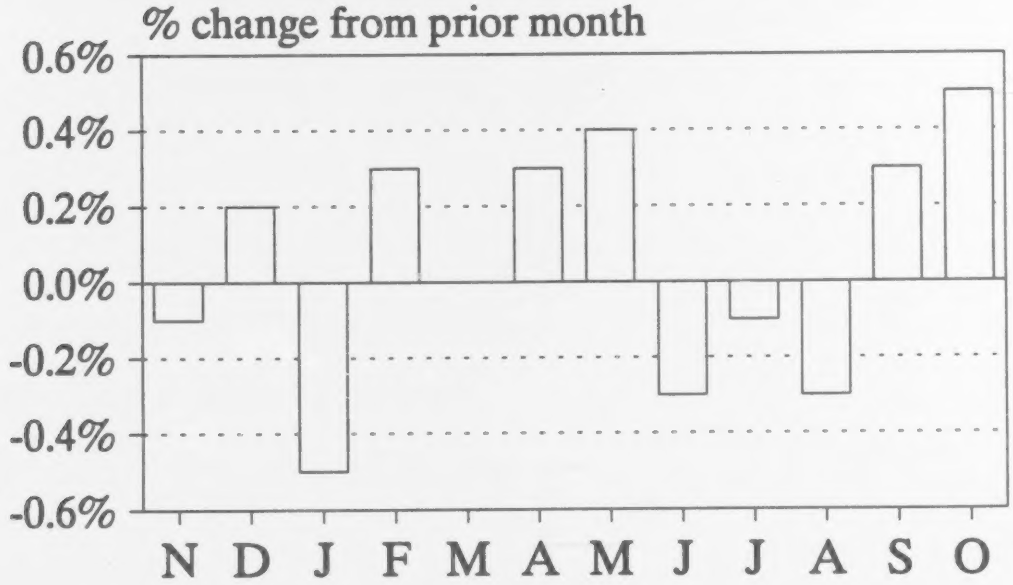
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	103.7	102.9	0.8%	103.2	0.5%
Testing/Measuring	102.4	102.5	-0.1%	102.2	0.2%
Nuclear Radiation	103.6	101.5	2.2%	103.6	NA
Process Controls	105.4	102.2	3.1%	103.3	2.0%
Other Equipment	104.5	104.1	0.4%	104.6	-0.1%

Industrial Electronics
All Employees September 1992



Industrial Electronics
Composite Price Index October 1992



Electromedical Equipment
U.S. Factory Data October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	637	673	-5.3%	627	633	-1.0%	6,458	6,237	3.6%
New Orders	754	639	17.9%	744	699	6.4%	6,530	6,221	5.0%
Production	638	678	-5.9%	647	664	-2.5%	6,546	6,313	3.7%
Inventory	1,421	1,420	0.1%	1,425	1,371	4.0%	NA	NA	
Unfilled Orders	1,915	1,799	6.5%	1,915	1,991	-3.8%	NA	NA	
Book/Bill Ratio	1.18	0.95	24.5%	1.19	1.10	7.5%	NA	NA	
Inv/Sales Ratio	2.23	2.11	5.7%	2.27	2.17	5.0%	NA	NA	
Unf/Sales Ratio	3.01	2.67	12.5%	3.05	3.14	-2.9%	NA	NA	
Prod/Sales Ratio	1.00	1.01	-0.6%	1.03	1.05	-1.6%	NA	NA	

Electromedical Equipment Economic Summary

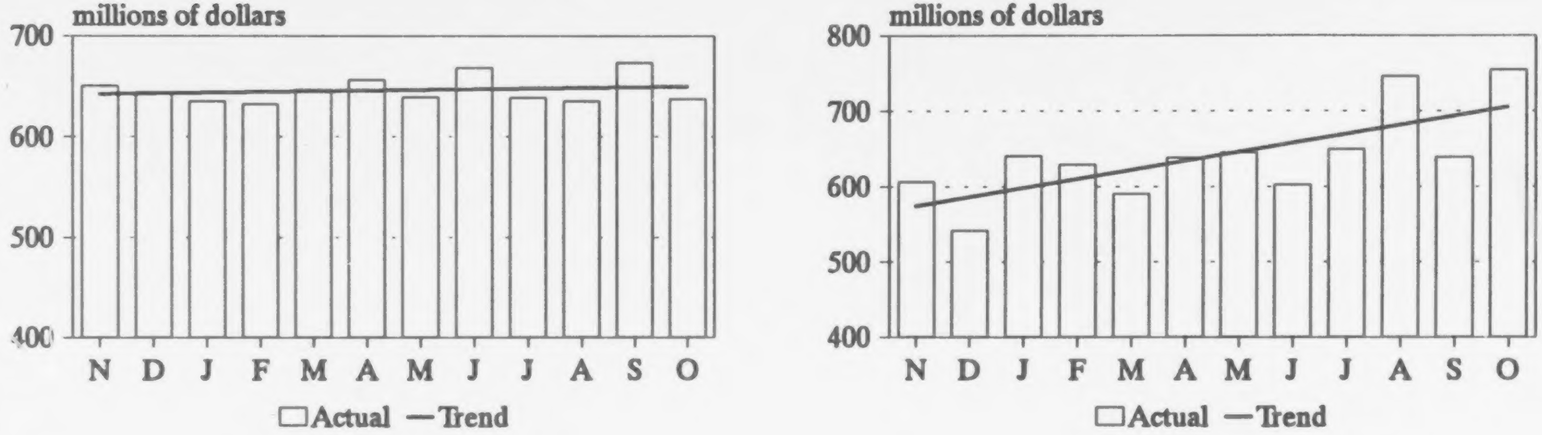
- Factory sales down 5.3% from prior month, up 3.6% through past 10 months
- New orders up 17.9% from prior month, up 5% through October
- Inventory up 0.1% from prior month, up 4% from prior year
- Imports up 8.5% from prior month, exports unchanged
- Imports up 0.6% through September, exports up 13.1%
- Total employment up 3.2% from prior year
- Production worker hourly wage index up 4.4% from prior year
- Factory price index down 0.4% from prior month

Electromedical Equipment U.S Factory Trends October 1992

(all data seasonally adjusted)

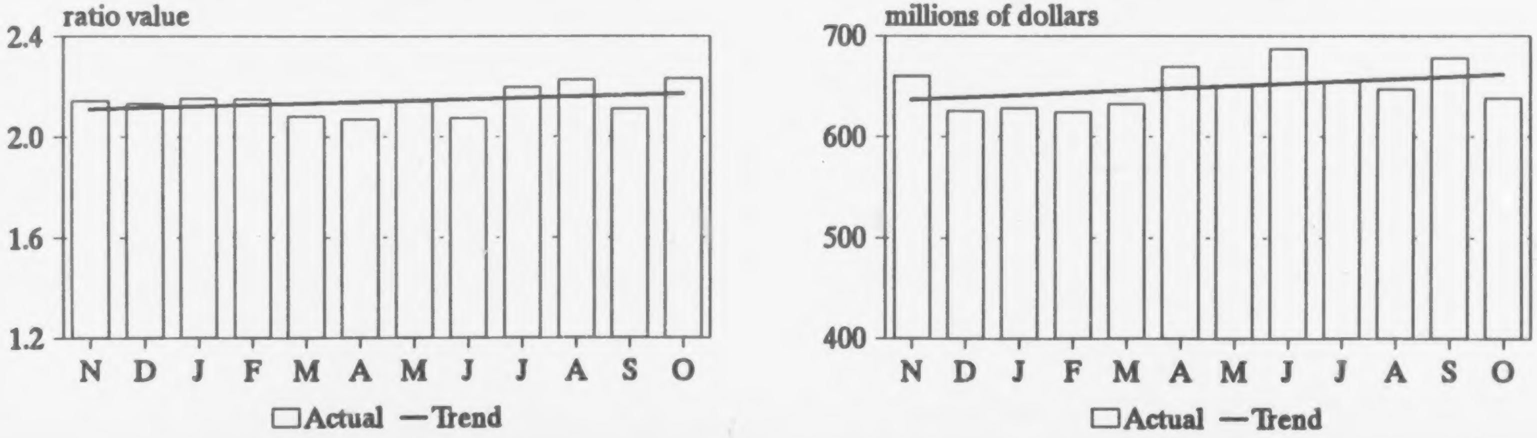
Factory Sales

New Orders



Inventory/Sales Ratio

Production



Electromedical Equipment Foreign Trade Summary

Import/Export Summary September 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Sep 92	Aug 92	% ch.	Sep 92	Sep 91	% ch.	YTD 92	YTD 91	% ch.
Imports	205	189	8.5%	191	184	3.8%	1,677	1,667	0.6%
Exports	285	285	NA	271	255	6.3%	2,507	2,217	13.1%
Balance	80	96	-16.7%	80	71	12.7%	830	549	51.0%

Import/Export Country Summary September 1992

(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Germany	526,844	31.4%	Germany	365,583	14.6%
Japan	524,847	31.3%	Japan	347,167	13.8%
Netherlands	116,970	7.0%	Canada	212,849	8.5%
France	100,002	6.0%	Netherlands	203,204	8.1%
Mexico	75,957	4.5%	France	140,060	5.6%
U.K.	59,573	3.6%	U.K.	136,873	5.5%
Ireland	25,143	1.5%	Italy	101,747	4.1%
Israel	25,124	1.5%	Mexico	87,510	3.5%
Canada	22,637	1.3%	Australia	78,659	3.1%
Sweden	22,618	1.3%	Sweden	71,222	2.8%
Other	177,991	10.6%	Other	761,763	30.4%

Import/Export Product Summary September 1992

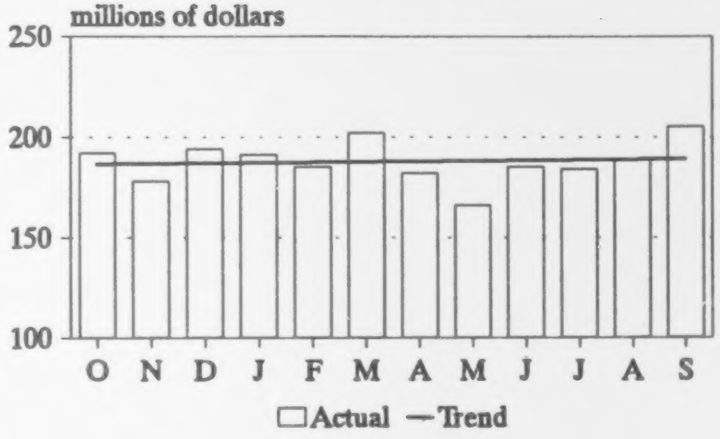
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	116,479	212,352	95,874	937,840	1,868,595	930,755
X-Ray and Related Equipment	90,089	71,911	(18,178)	739,866	638,041	(101,825)
Total	206,568	284,263	77,695	1,677,706	2,506,637	828,930

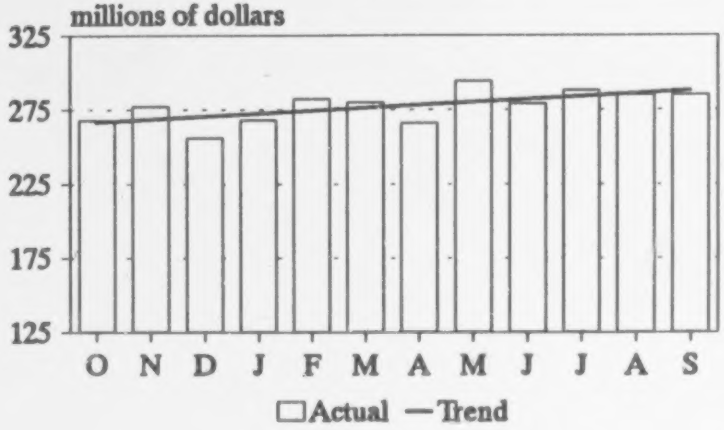
Electromedical Equipment Trade Trends September 1992

(all data seasonally adjusted)

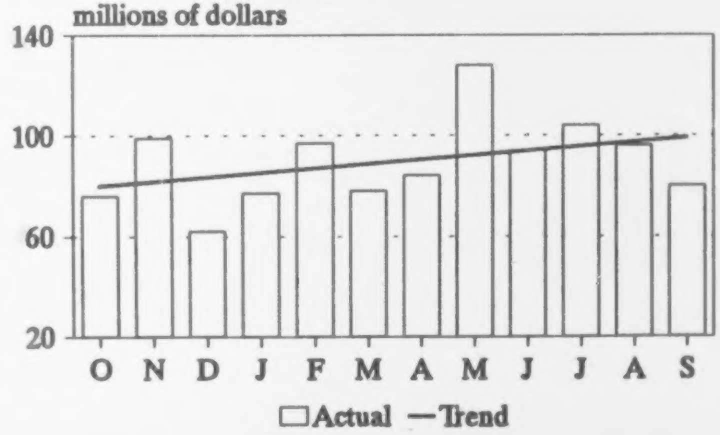
Imports



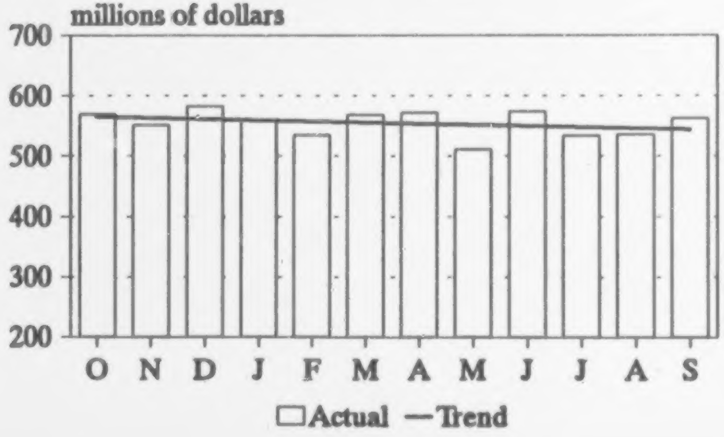
Exports



Balance of Trade



Consumption



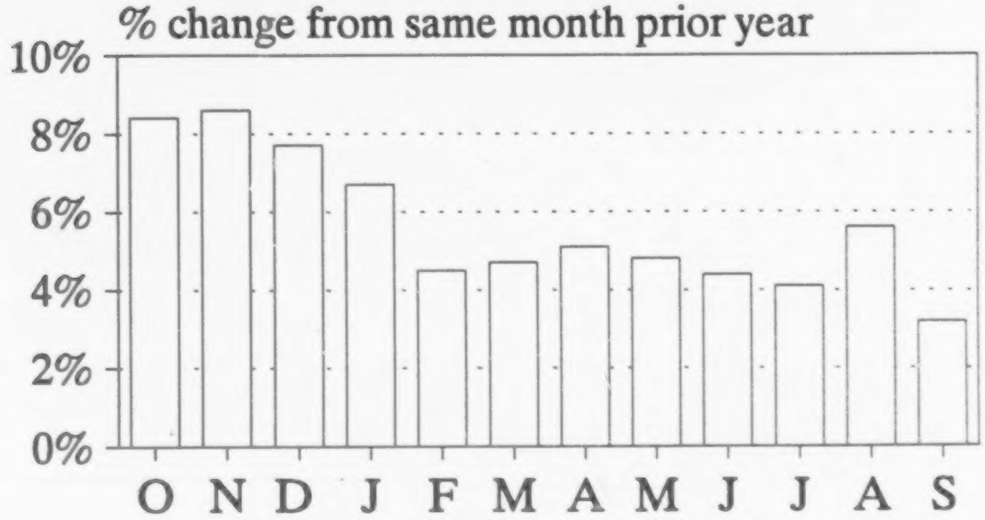
Electromedical Equipment Employment September 1992
(thousands of workers)

	Not Seasonally Adj				
	Sep 92	Sep 91	% ch.	Aug 92	% ch.
PRODUCTION WORKERS	18.1	17.1	5.8%	18.2	-0.5%
ALL EMPLOYEES	45.5	44.1	3.2%	45.6	-0.2%
HOURLY WAGE INDEX	120.9	115.8	4.4%	120.9	NA
ANNUAL SALES/EMP	$171,802	$174,005	-1.3%	$172,475	-0.4%

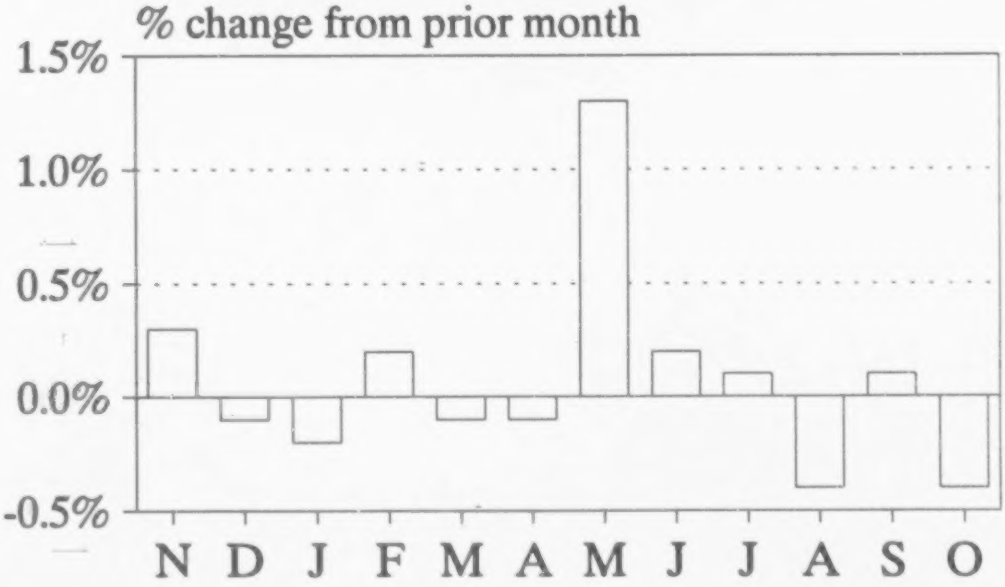
Electromedical Equipment Producer Price Indices October 1992
(12/90=100)

	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
COMPOSITE INDEX	102.1	101.1	1.0%	102.5	-0.4%
Irradiation Equipment	100.6	101.1	-0.5%	101.0	-0.4%
Diagnostic/Monitoring	102.9	101.1	1.8%	103.4	-0.5%
Electrotherapeutic	102.3	101.2	1.0%	102.3	NA

Electromedical Equipment
All Employees September 1992

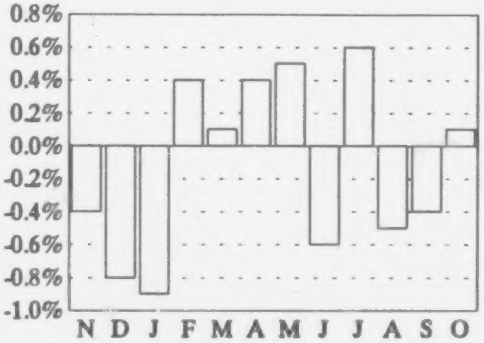


Electromedical Equipment
Composite Price Index October 1992



Capacity Utilization

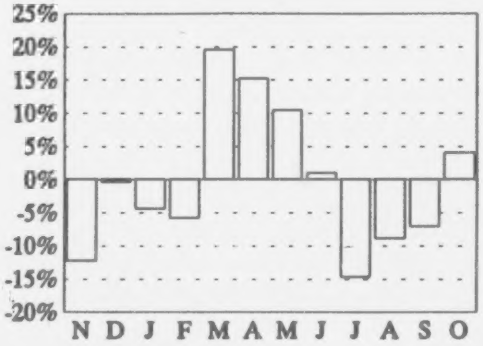
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

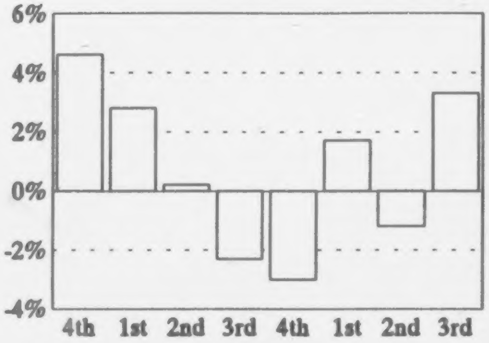
(percent change from previous month)



Source: Conference Board

Government Purchases

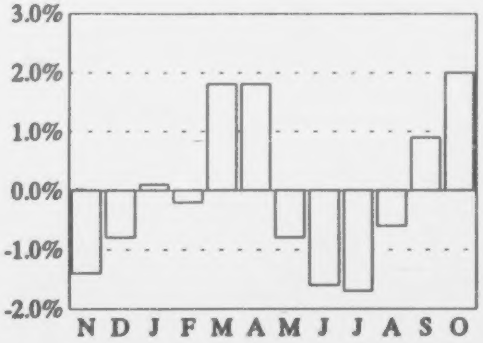
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

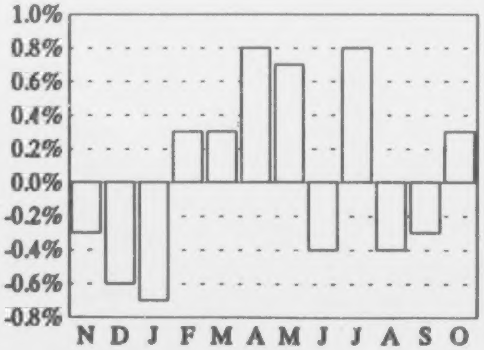
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

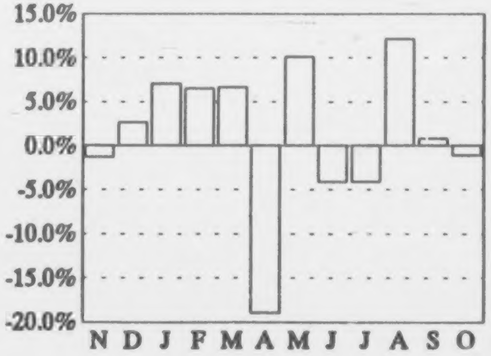
(percent change from previous month)



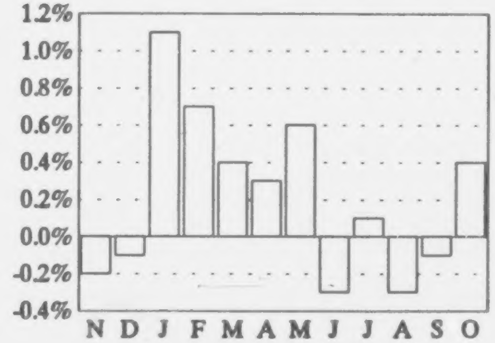
Source: Federal Reserve Board

Housing Starts

(percent change from previous month)



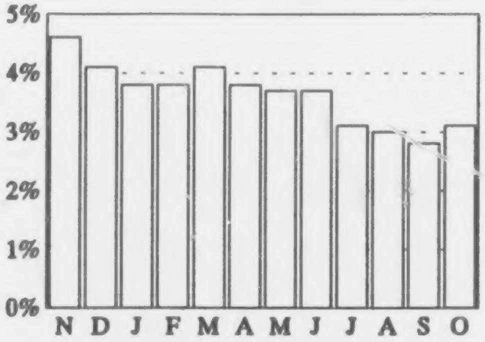
Source: Department of Commerce



Leading Economic Indicators

(percent change from previous month)

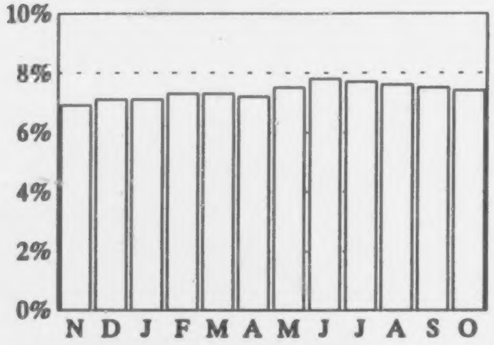
Source: Federal Reserve Board



90 Day T-Bill Rate

(interest rate)

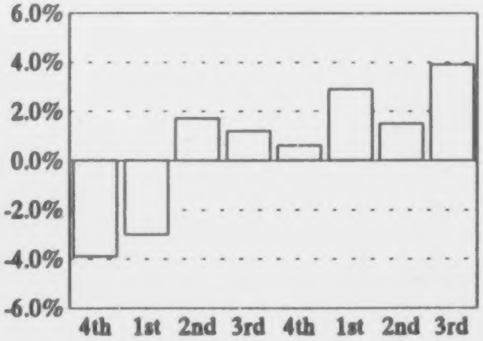
Source: Conference Board



Unemployment Rate

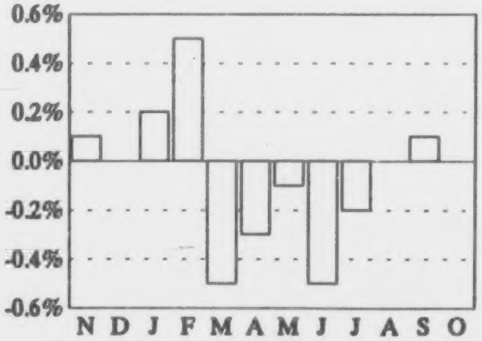
(precent of civilian laborforce)

Source: Department of Commerce



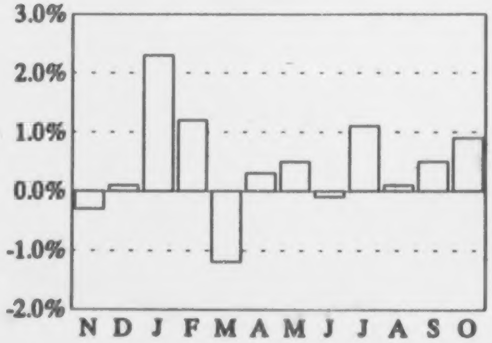
Real GDP

(quarter vs. previous quarter)



Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)

Economic Data Bank
Data as of December 1, 1992

	Current Period	Previous Period	Year Ago
	Oct-92	Sep-92	Oct-91
Capacity Utilization (% utilized)	**78.5**	**78.4**	**79.8**
	Nov-92	Oct-92	Nov-91
Consumer Confidence (Index 1985=100)	**65.5**	**54.5**	**52.7**
	3rd Q92	2nd Q92	3rd Q91
Gross Domestic Product (billions 1987 $)	**4,939.4**	**4,892.4**	**4,831.8**
	3rd Q92	2nd Q92	3rd Q91
Gross National Product (billions 1987 $)	**4,949.0**	**4,899.1**	**4,843.7**
	3rd Q92	2nd Q92	3rd Q91
Government Purchases (billions 1987 $)	**941.8**	**934.2**	**940.2**
	Oct-92	Sep-92	Oct-91
Industrial Production (Index 1987=100)	**109.0**	**108.7**	**108.4**
	Oct-92	Sep-92	Oct-91
Housing Starts (annual rate 000's)	**1,229**	**1,243**	**1,085**
	Oct-92	Sep-92	Oct-91
ng Economic Indicators (Index 1987=100)	**149.1**	**148.5**	**145.2**
	Nov-92	Oct-92	Nov-91
90-Day T-Bill Rate (%)	**3.14**	**2.84**	**4.60**
	Nov-92	Oct-92	Nov-91
Prime Rate (%)	**6.00**	**6.00**	**7.75**
	Oct-92	Sep-92	Oct-91
Unemployment Rate (% of labor force)	**7.4**	**7.5**	**6.9**
	Oct-92	Sep-92	Oct-91
Real Money Supply M-2 (billions 1987 $)	**2,380.2**	**2,380.0**	**2,399.9**
	Oct-92	Sep-92	Oct-91
Retail Sales (billions of dollars)	**163.3**	**161.8**	**154.5**
	Oct-92	Sep-92	Oct-91
posable Personal Income (billions 1987 $)	**3,602.9**	**3,580.9**	**3,526.4**
	Oct-92	Sep-92	Oct-91
Auto Sales (annual rate 000's)	**479**	**510**	**526**
	Oct-92	Sep-92	Oct-91
Personal Savings Rate (% of income)	**4.7**	**4.6**	**5.1**
	Oct-92	Sep-92	Oct-91
CPI-U All Items (Index 1982-84=100)	**141.8**	**141.3**	**137.4**
	Oct-92	Sep-92	Oct-91
PPI Finished Goods (Index 1982-84=100)	**124.0**	**123.9**	**122.1**
	Sep-92	Aug-92	Sep-91
Balance of Trade (billions of dollars)	**(8.3)**	**(8.9)**	**(6.5)**

Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,802	5,072	5,243		
						New Orders						
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,939	5,382	5,232		
						Inventories						
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
1991	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,044	8,085	8014		
						Unfilled Orders						
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,068	13,378	13366		

Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,366	2,391	2,542	2,421	2,369	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,199	3,671	3,695		
New Orders												
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,165	3,744	3,794		
Inventories												
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,423	7,330	7,260		
Unfilled Orders												
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,280	12,353	12,452		

Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,395	2,532	2,343		
						New Orders						
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,924	2,559	1,716		
						Inventories						
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,[illegible]13	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,[illegible]11	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,728	6,624	6,397		
						Unfilled Orders						
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,457	32,484	31,857		

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,963	4,813	4,735		
						New Orders						
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,028	4,808	4,736		
						Inventories						
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,485	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,993	7,950	8,070		
						Unfilled Orders						
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,649	6,644	6,646		

Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,076	2,128	2,107		
New Orders												
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,088	2,063	2,233		
Inventories												
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,489	4,501	4,446		
Unfilled Orders												
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,213	5,103	5,140		

Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
					Shipments							
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	635	673	637		
					New Orders							
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	746	639	754		
					Inventories							
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,414	1,420	1,421		
					Unfilled Orders							
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832	1,799	1,915		

Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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U.S. Electronics Industry Summary

U.S. Factory Sales November 1992

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	24,610	24,145	1.9%	24,690	23,968	3.0%	257,445	245,096	5.0%

Electronics Foreign Trade Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	7,640	7,742	-1.3%	8,422	7,516	12.1%	72,138	63,419	13.7%
Exports	7,076	6,981	1.4%	7,233	6,337	14.1%	64,072	60,430	6.0%
Balance	(564)	(761)	-25.9%	(1,189)	(1,179)	0.8%	(8,067)	(2,989)	NA

Bilateral Trade Summary October 1992

(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	24,836	34.4%	6,752	10.5%	(18,084)
Canada	5,431	7.5%	10,744	16.8%	5,313
Singapore	6,624	9.2%	3,135	4.9%	(3,489)
Mexico	4,764	6.6%	4,718	7.4%	(46)
Taiwan	6,452	8.9%	2,679	4.2%	(3,773)
S. Korea	4,660	6.4%	2,224	3.5%	(2,436)
U.K.	1,958	2.7%	4,903	7.6%	2,945
Germany	2,118	2.9%	4,380	6.8%	2,262
Malaysia	4,411	6.1%	1,808	2.8%	(2,603)
France	890	1.2%	2,389	3.7%	1,499
Other	10,112	14.0%	20,406	31.8%	10,294

Electronics Employment Summary October 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.
PRODUCTION WORKERS	839.1	842.4	-0.4%	841.4	874.7	-3.8%
ALL EMPLOYEES	1,778.8	1,790.1	-0.6%	1,780.1	1,879.4	-5.3%
HOURLY WAGE INDEX	NA	NA		117.2	112.7	3.9%

Electronics Producer Price Index November 1992

(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	93.7	95.6	-1.9%	94.1	-0.4%

U.S. Electronics Economic Summary

- Factory sales up 1.9% from prior month, up 5.0% through past 11 months
- Seasonally adjusted imports down 1.3% from prior month, exports up 1.4%
- Imports up 13.7% through October, exports up 6.0%
- Total employment down 0.6% from prior month
- Production worker hourly wage index up 3.9% from prior year
- Factory price index down 0.4% from October

Electronic Components
U.S. Factory Data November 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,123	5,250	-2.4%	5,205	4,850	7.3%	53,868	51,378	4.8%
New Orders	5,485	5,268	4.1%	5,494	5,190	5.9%	54,818	51,475	6.5%
Production	5,112	5,180	-1.3%	5,190	4,666	11.2%	53,889	50,988	5.7%
Inventory	8,005	8,016	-0.1%	7,997	8,226	-2.8%	NA	NA	
Unfilled Orders	13,758	13,396	2.7%	13,373	12,246	9.2%	NA	NA	
Book/Bill Ratio	1.07	1.04	3.1%	1.06	1.07	-1.4%	NA	NA	
Inv/Sales Ratio	1.56	1.58	-1.1%	1.54	1.70	-9.4%	NA	NA	
Unf/Sales Ratio	2.69	2.64	1.7%	2.57	2.52	1.7%	NA	NA	
Prod/Sales Ratio	1.00	1.02	-2.3%	1.00	0.96	3.6%	NA	NA	

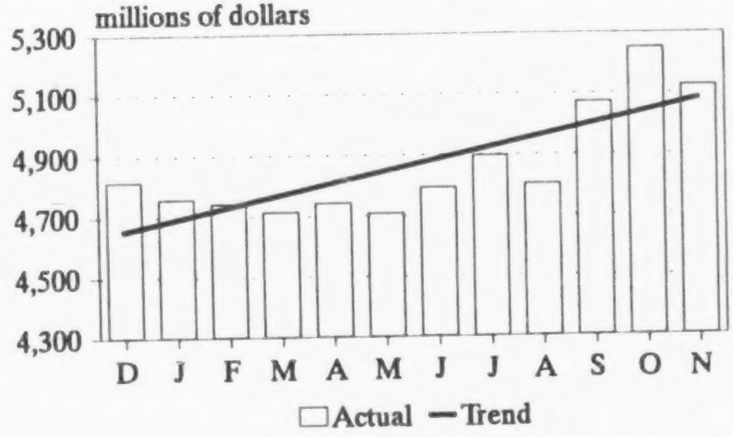
Electronic Components Economic Summary

- Factory sales down 2.4% from prior month, up 4.8% through past 11 months
- New orders up 4.1% from prior month, up 6.5% through November
- Inventory down 0.1% from prior month, down 2.8% from prior year
- Imports up 1.7% from prior month, exports up 0.5%
- Imports up 10.8% through October, exports up 6.4%
- Total employment down 3.6% from prior year
- Production worker hourly wage index up 4.6% from prior year
- Factory price index down 1.2% from prior month

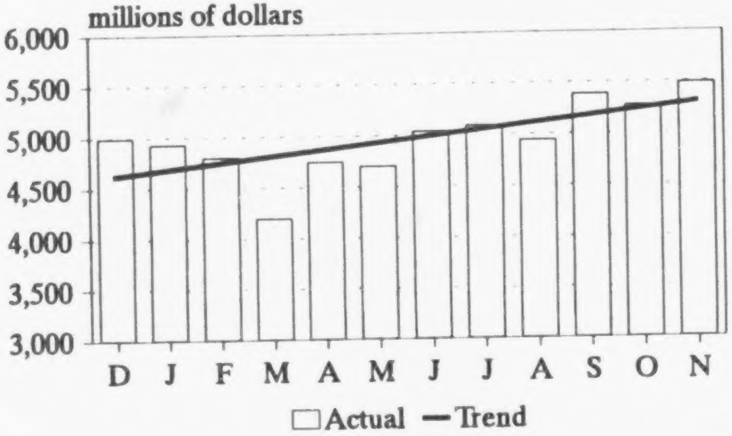
Electronics Components U.S Factory Trends November 1992

(all data seasonally adjusted)

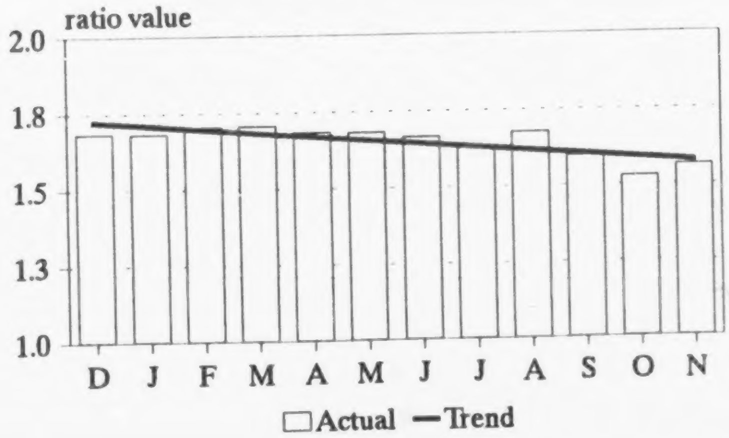
Factory Sales



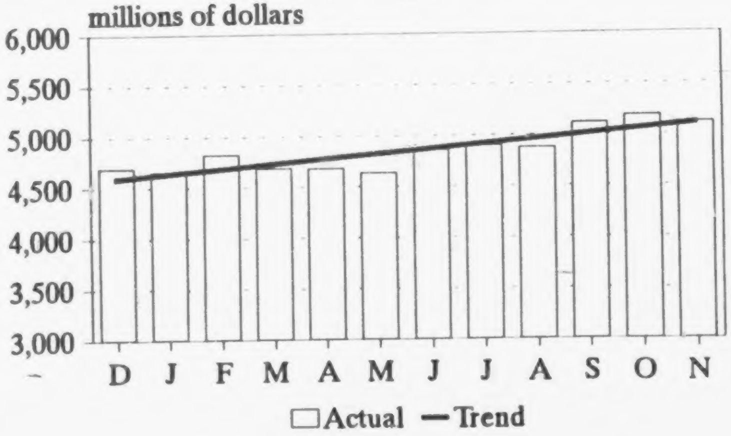
New Orders



Inventory/Sales Ratio



Production



Electronic Components Foreign Trade Summary

Import/Export Summary October 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Oct 92	Sep 92	% ch	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	48	43	11.6%	59	57	3.5%	523	451	15.9%
Passive Components	803	783	2.6%	818	858	-4.7%	7,345	7,337	0.1%
Solid State Products	1,444	1,430	1.0%	1,449	1,236	17.2%	12,845	10,904	17.8%
Total Components	2,295	2,256	1.7%	2,326	2,151	8.1%	20,713	18,692	10.8%
EXPORTS									
Electron Tubes	67	73	-8.2%	71	65	9.2%	584	552	5.9%
Passive Components	517	489	5.7%	545	545	NA	4,771	4,852	-1.7%
Solid State Products	1,498	1,509	-0.7%	1,535	1,330	15.4%	13,359	12,186	9.6%
Total Components	2,082	2,071	0.5%	2,151	1,940	10.9%	18,714	17,590	6.4%
BALANCE									
Electron Tubes	19	30	NA	12	8	50.0%	61	100	-39.2%
Passive Components	(286)	(294)	-2.7%	(273)	(313)	-12.8%	(2,573)	(2,485)	3.6%
Solid State Products	54	79	NA	86	94	-8.5%	514	1,283	-59.9%
Total Components	(213)	(185)	15.1%	(175)	(211)	-17.1%	(1,998)	(1,102)	81.4%

Import/Export Country Summary October 1992
(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	5,733,285	27.7%	Canada	3,869,773	20.7%
Canada	2,302,602	11.1%	Mexico	1,880,034	10.0%
Mexico	2,039,258	9.8%	Japan	1,524,741	8.1%
S. Korea	1,835,647	8.9%	Singapore	1,504,572	8.0%
Malaysia	1,794,739	8.7%	Malaysia	1,423,559	7.6%
Taiwan	1,688,028	8.1%	Taiwan	1,322,300	7.1%
Singapore	1,407,712	6.8%	U.K.	1,155,306	6.2%
Philipines	681,015	3.3%	Hong Kong	901,840	4.8%
Hong Kong	557,532	2.7%	S. Korea	897,877	4.8%
Germany	554,211	2.7%	Philiphines	554,875	3.0%
Other	2,120,577	10.2%	Other	3,681,178	19.7%

Import/Export Product Summary October 1992

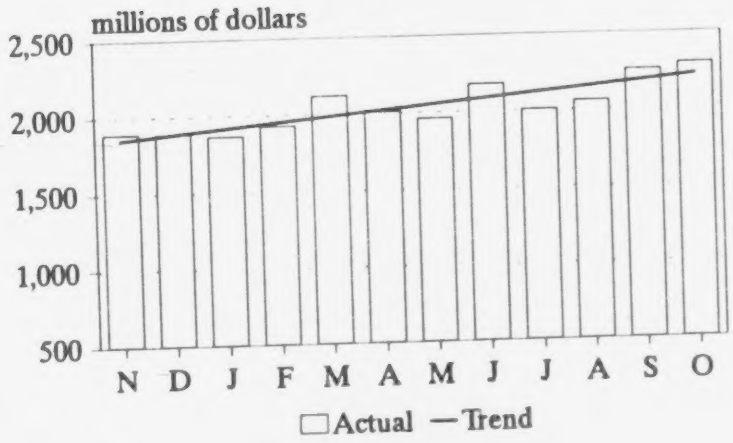
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	42,567	52,386	9,820	379,147	398,521	19,373
Receiving Tubes	155	474	319	2,603	5,377	2,773
Power and Special Purpose Tubes	16,570	18,088	1,518	142,305	180,457	38,152
Capacitors	53,812	55,650	1,838	503,342	493,262	(10,080)
Resistors	35,811	20,047	(15,764)	324,212	179,917	(144,295)
Relays	43,811	31,681	(12,130)	367,179	281,932	(85,247)
Connectors	51,187	38,522	(12,666)	439,951	312,597	(127,354)
Electronic Wire	89,546	94,823	5,277	806,703	873,056	66,353
Transformers	12,461	3,031	(9,430)	119,061	33,247	(85,814)
Power Supplies	97,844	14,991	(82,854)	860,292	122,609	(737,683)
Printed Circuits and Boards	97,443	106,146	8,703	1,059,631	981,612	(78,019)
Parts of TV/Audio Apparatus	242,625	140,790	(101,835)	2,023,351	1,167,163	(856,189)
Indicator Panels	34,711	5,559	(29,152)	314,216	42,510	(271,706)
Switches	15,814	2,614	(13,199)	142,663	23,850	(118,813)
Piezoelectric Crystals	17,625	4,276	(13,349)	139,309	40,938	(98,371)
Other Parts	25,508	26,504	996	245,776	218,671	(27,105)
Integrated Circuits						
EPROMs	57,101	26,502	(30,599)	504,315	228,202	(276,113)
Microprocessors	98,146	180,057	81,911	839,028	1,192,143	353,114
DRAMs	343,755	120,356	(223,399)	2,941,260	1,197,446	(1,743,814)
SRAMs	64,591	25,704	(38,887)	546,683	232,972	(313,711)
Analog	114,030	64,220	(49,810)	1,067,462	591,488	(475,974)
Other	481,309	346,248	(135,062)	4,351,271	2,924,015	(1,427,255)
Diodes	35,651	17,334	(18,318)	313,174	150,931	(162,243)
Transistors	51,986	6,776	(45,210)	454,329	55,534	(398,795)
Chips, Wafers, and Parts all Types	169,484	726,972	557,488	1,548,171	6,583,962	5,035,791
Other Semiconductor Devices	30,839	18,254	(12,585)	265,775	163,645	(102,130)
Solar Cells	2,103	2,653	549	13,397	39,998	26,601
Total	2,326,485	2,150,656	(175,829)	20,714,606	18,716,055	(1,998,552)

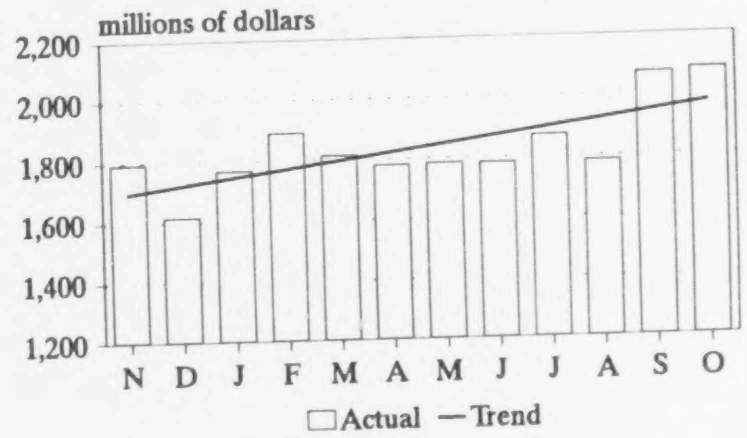
Electronic Components Trade Trends October 1992

(all data seasonally adjusted)

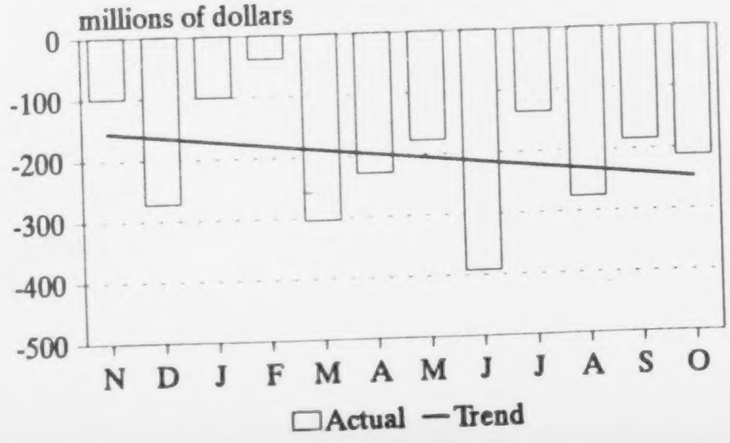
Imports



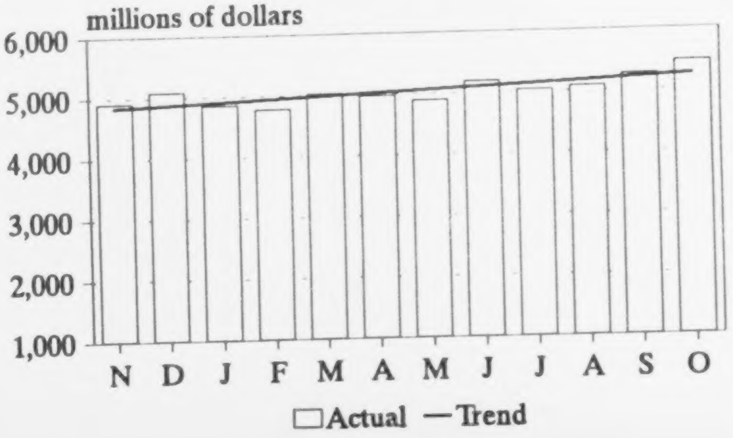
Exports



Balance of Trade



Consumption



Electronic Component Employment October 1992

(thousands of workers)

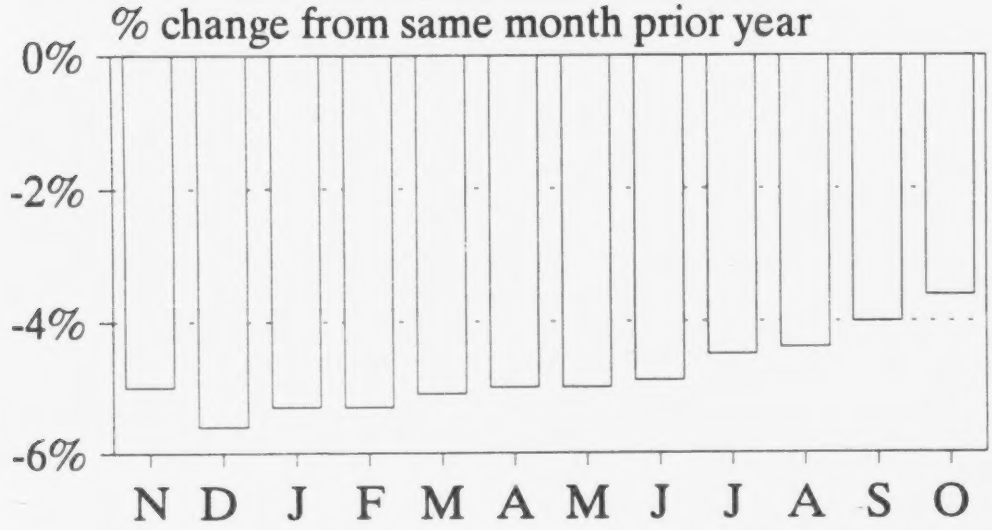
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	344.4	349.0	-1.3%	344.4	NA
Electron Tubes	16.9	18.6	-9.1%	16.8	0.6%
Semiconductors	92.6	90.0	2.9%	92.7	-0.1%
Other	234.9	240.4	-2.3%	234.9	NA
ALL EMPLOYEES	590.1	612.1	-3.6%	591.2	-0.2%
Electron Tubes	25.3	28.0	-9.6%	25.3	NA
Semiconductors	221.8	230.2	-3.6%	222.4	-0.3%
Other	343.0	353.9	-3.1%	343.5	-0.1%
HOURLY WAGE INDEX	119.3	114.1	4.6%	119.1	0.1%
ANNUAL SALES/EMP	$97,185	$88,420	9.9%	$96,072	1.2%

Electronic Component Producer Price Indices November 1992

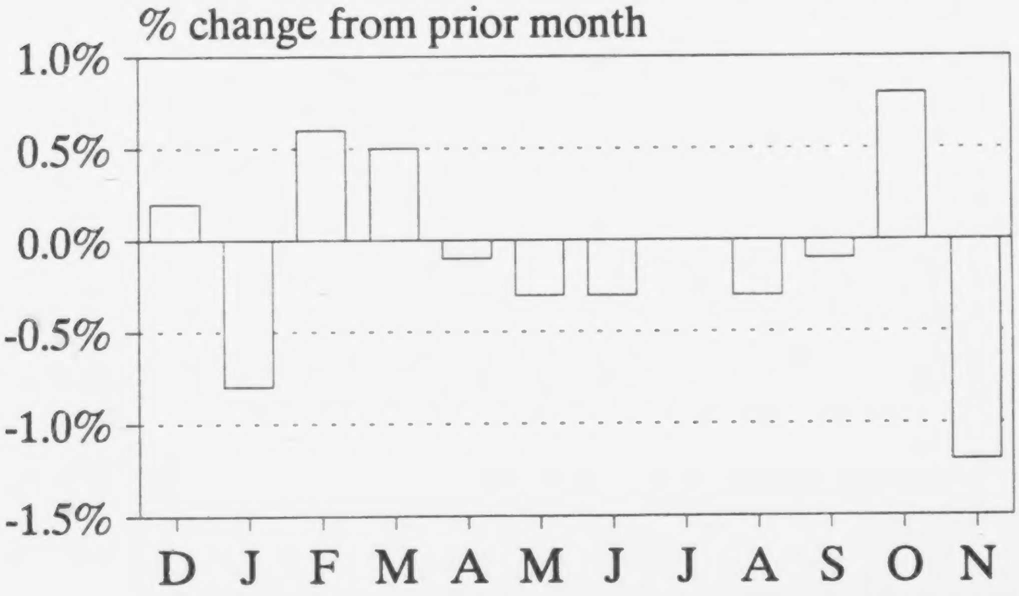
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	98.6	99.5	-0.8%	99.8	-1.2%
CRTs	98.2	98.5	-0.3%	98.2	NA
Capacitors	100.5	104.0	-3.4%	100.5	NA
Resistors	102.8	96.1	7.0%	98.2	4.8%
Relays	111.7	101.7	9.8%	111.7	NA
Switches	103.2	100.9	2.3%	104.1	-0.9%
Connectors	107.5	105.8	1.7%	107.5	NA
Filters	105.6	103.8	1.8%	105.5	0.1%
Antennae	89.3	88.9	0.4%	88.9	0.5%
Diodes	97.8	99.3	-1.5%	97.8	NA
Transistors	97.7	98.3	-0.6%	98.7	-1.0%
Semiconductors	94.1	96.5	-2.5%	96.8	-2.8%
Printed Circuits	99.0	99.7	-0.6%	99.0	NA
Electronic Wire	99.2	100.1	-1.0%	99.6	-0.4%

Electronic Components
All Employees October 1992


% change from same month prior year

Electronic Components
Composite Price Index November 1992


% change from prior month

Domestically-Produced Consumer Electronics
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	907	907	-0.1%	1,004	953	5.3%	9,269	8,304	11.6%
Inventory	1,374	1,378	-0.3%	1,360	1,340	1.5%	NA	NA	
Inv/Sales Ratio	1.52	1.52	-0.2%	1.36	1.41	-3.6%	NA	NA	

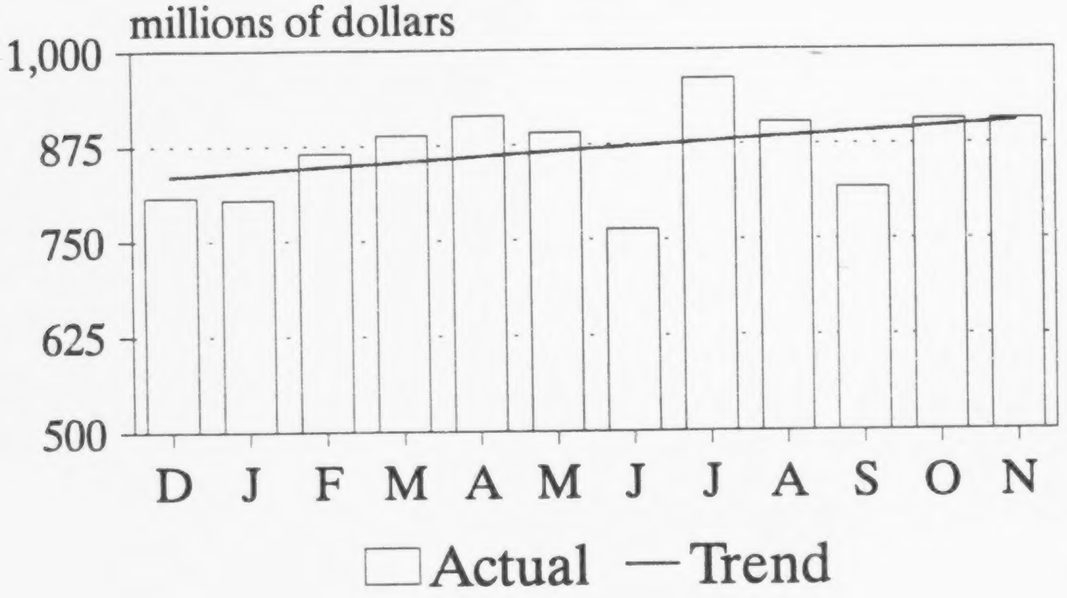
Total Consumer Electronics Sales Including Imports
November 1992

(not seasonally adjusted millions of dollars)

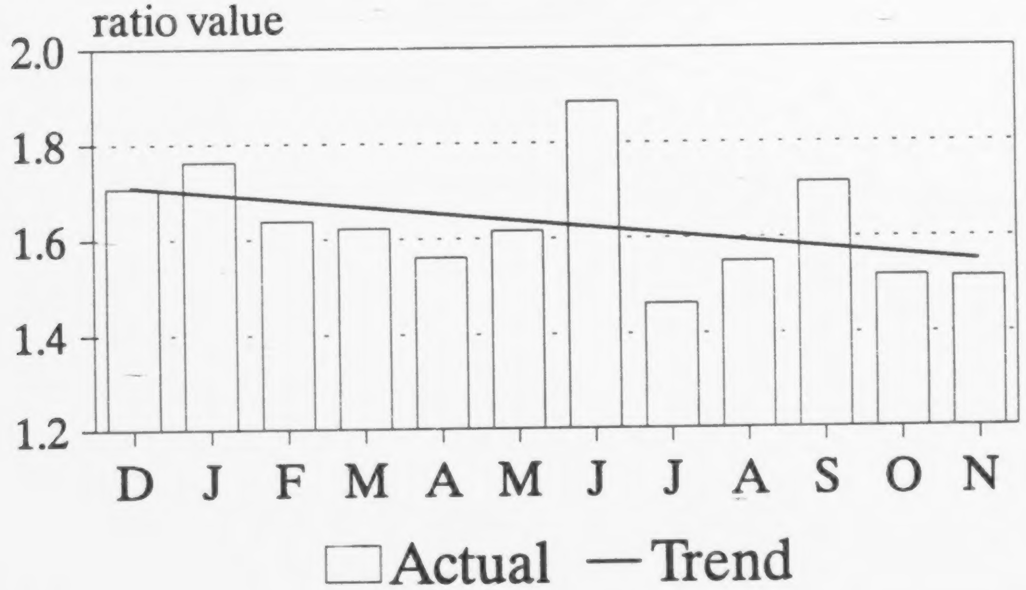
	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
VIDEO PRODUCTS	1,376	1,231	11.8%	11,417	10,399	9.8%
Color TVs	754	680	10.9%	6,254	5,667	10.4%
VCR Decks	315	242	30.2%	2,639	2,129	24.0%
Camcorders	202	217	-7.0%	1,612	1,755	-8.2%
Other	105	92	14.6%	912	848	7.5%
AUDIO PRODUCTS	896	844	6.1%	9,134	8,624	5.9%
Portable	241	231	4.4%	2,238	1,925	16.3%
Home Components	157	168	-6.2%	1,452	1,672	-13.1%
Autosound	353	310	14.0%	4,187	3,863	8.4%
Audio Systems	145	136	6.6%	1,257	1,164	8.0%
HOME INFORMATION EQUIPMENT	954	862	10.7%	9,954	9,240	7.7%
BLANK MEDIA AND ACCESSORIES	388	383	1.5%	3,743	3,658	2.3%
TOTAL	3,614	3,319	8.9%	34,247	31,920	7.3%

Domestically Produced Consumer Electronics
U.S. Factory Trends November 1992

Factory Sales



Inventory/Sales



Consumer Electronics Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,196	1,222	-2.1%	1,806	1,765	2.3%	13,334	11,770	13.3%
Exports	249	271	-8.1%	283	274	3.3%	2,521	2,143	17.6%
Balance	(947)	(951)	-0.4%	(1,523)	(1,491)	2.1%	(10,812)	(9,627)	12.3%

Import/Export Country Summary October 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	6,156,777	46.2%	Canada	641,507	25.5%
Malaysia	1,358,637	10.2%	Mexico	396,322	15.7%
S. Korea	1,331,898	10.0%	Japan	219,457	8.7%
Mexico	1,313,921	9.9%	Taiwan	118,072	4.7%
China	972,392	7.3%	Germany	106,546	4.2%
Taiwan	568,756	4.3%	U.K.	94,102	3.7%
Singapore	558,333	4.2%	Netherlands	83,569	3.3%
Thailand	474,754	3.6%	Argentina	81,979	3.3%
Indonesia	130,776	1.0%	Venezuela	69,009	2.7%
Hong Kong	110,092	0.8%	Hong Kong	67,203	2.7%
Other	356,477	2.7%	Other	642,789	25.5%

Import/Export Product Summary October 1992

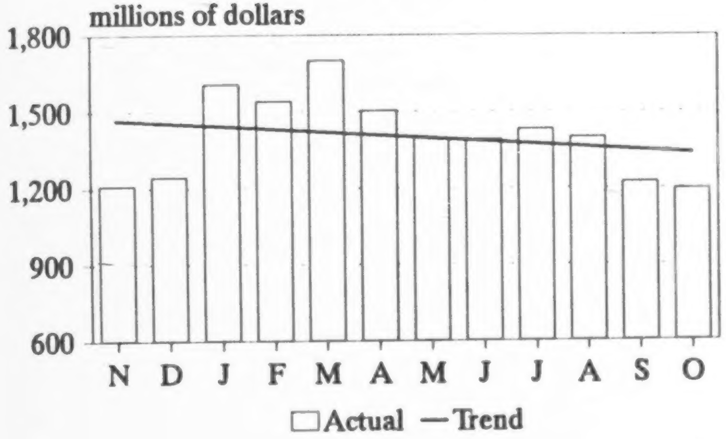
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	235,119	50,763	(184,357)	1,608,320	421,627	(1,186,692)
Monochrome TV Receivers	12,335	4,790	(7,545)	84,656	49,252	(35,404)
VCR Decks	364,502	17,293	(347,208)	2,578,684	174,274	(2,404,411)
Camcorders	172,782	0	(172,782)	1,238,265	0	(1,238,265)
Videocassette Players	12,008	0	(12,008)	96,747	0	(96,747)
Laserdisc Players	25,503	7,416	(18,087)	150,976	59,276	(91,700)
Portable Audio Equipment	89,194	10,923	(78,271)	1,063,849	80,702	(983,147)
Separate Audio Components	259,496	94,524	(164,973)	2,288,053	855,414	(1,432,639)
Home Radios	18,731	559	(18,172)	133,710	4,693	(129,016)
Home Radio/Tape Combinations	161,840	3,670	(158,170)	978,451	39,213	(939,239)
Autosound Equipment	120,508	26,535	(93,973)	1,142,463	240,815	(901,648)
Blank Media	71,798	35,773	(36,025)	649,024	354,546	(294,478)
Video Games	261,743	30,380	(231,363)	1,319,615	240,743	(1,078,872)
Total	1,805,558	282,626	(1,522,932)	13,332,813	2,520,555	(10,812,258)

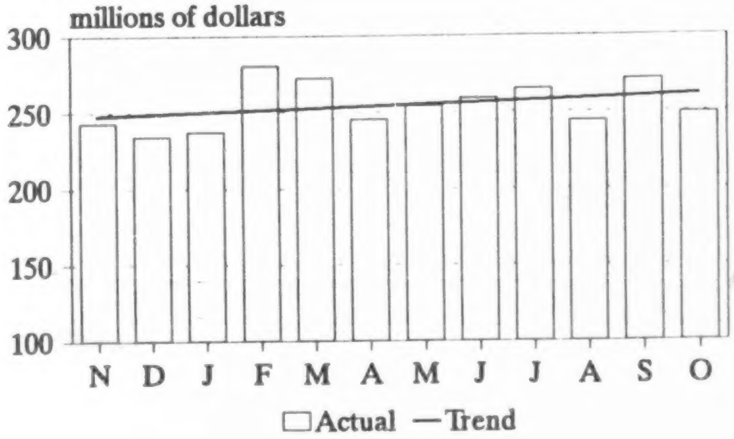
Consumer Electronics Trade Trends October 1992

(all data seasonally adjusted)

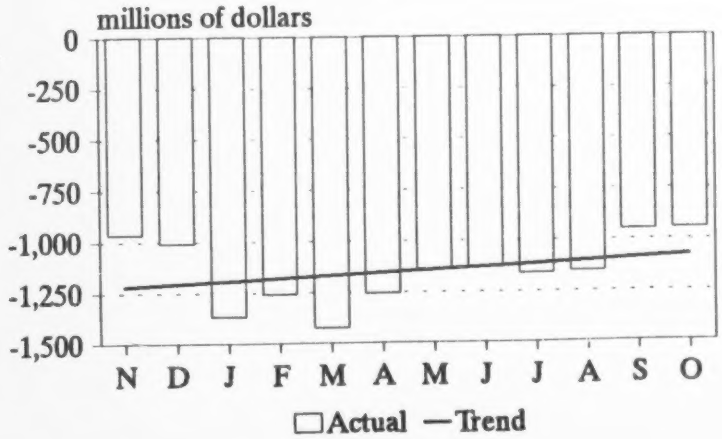
Imports



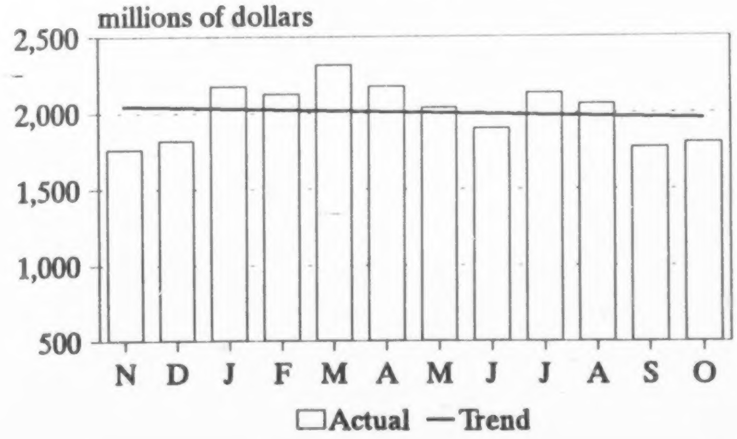
Exports



Balance of Trade



Consumption



Consumer Electronics Employment October 1992

(thousands of workers)

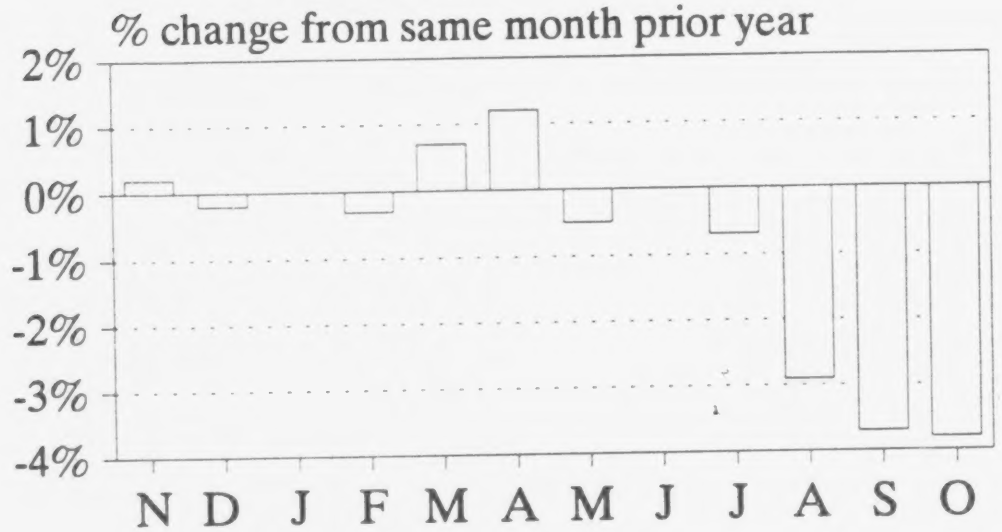
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	39.3	41.7	-5.8%	39.2	0.3%
ALL EMPLOYEES	60.8	63.2	-3.8%	60.6	0.3%
HOURLY WAGE INDEX	114.3	114.6	-0.2%	115.0	-0.5%
ANNUAL SALES/EMP	$168,156	$143,037	17.6%	$166,159	1.2%

Consumer Electronics Producer Price Indices November 1992

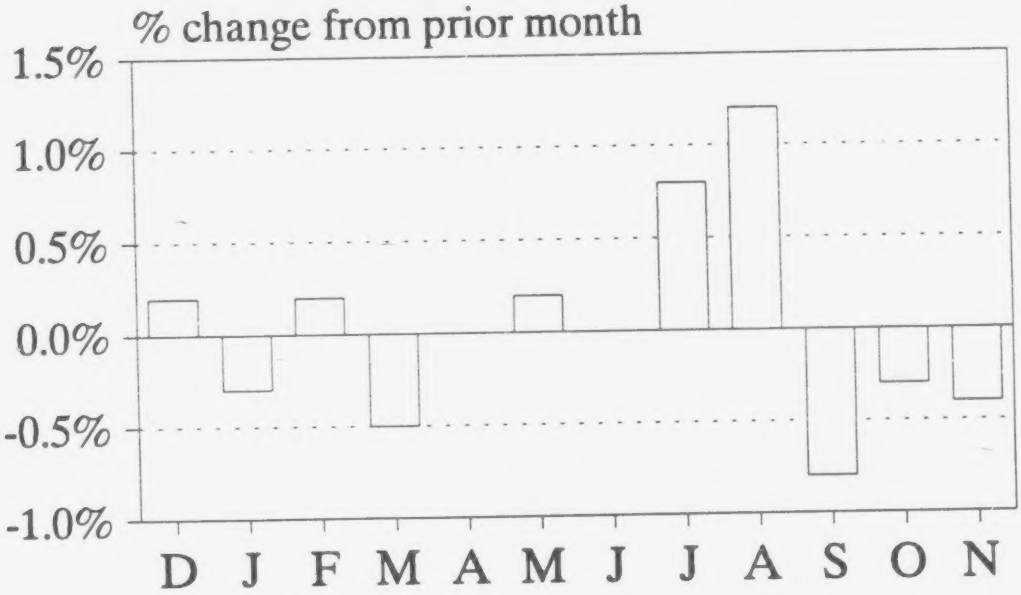
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	94.7	94.6	0.2%	95.1	-0.4%
Home Audio	85.4	85.0	0.5%	85.7	-0.4%
Portable Audio	89.9	102.9	-12.6%	90.8	-1.0%
Autosound	94.3	88.6	6.4%	95.9	-1.7%
Audio Systems	97.6	87.7	11.4%	100.1	-2.5%
Color TV	95.4	98.2	-2.9%	95.5	-0.1%
Projection TV	96.8	98.2	-1.4%	94.7	2.2%
VCR Decks	99.6	96.5	3.2%	99.7	-0.1%
Camcorders	87.3	92.2	-5.3%	86.3	1.2%

Consumer Electronics
All Employees October 1992



Consumer Electronics
Composite Price Index November 1992



Telecommunications Equipment
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	3,405	3,669	-7.2%	3,362	3,085	9.0%	35,440	31,439	12.7%
New Orders	3,223	3,772	-14.5%	3,199	2,819	13.5%	35,484	29,551	20.1%
Production	3,531	3,601	-2.0%	3,527	3,076	14.6%	35,668	31,976	11.5%
Inventory	7,387	7,262	1.7%	7,427	7,186	3.4%	NA	NA	
Unfilled Orders	12,273	12,455	-1.5%	12,318	12,070	2.1%	NA	NA	
Book/Bill Ratio	0.95	1.03	-7.9%	0.95	0.91	4.1%	NA	NA	
Inv/Sales Ratio	2.17	1.98	9.6%	2.21	2.33	-5.1%	NA	NA	
Unf/Sales Ratio	3.60	3.39	6.2%	3.66	3.91	-6.3%	NA	NA	
Prod/Sales Ratio	1.04	0.98	5.6%	1.05	1.00	5.2%	NA	NA	

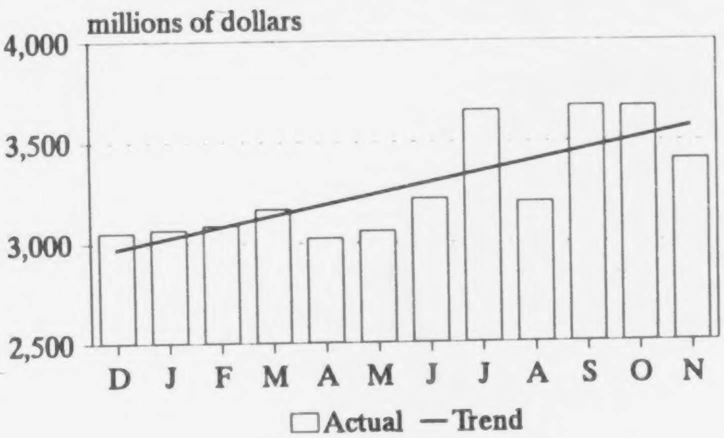
Telecommunications Economic Summary

- Factory sales down 7.2% from prior month, up 12.7% through past 11 months
- New orders down 14.5% from prior month, up 20.1% through November
- Inventory up 1.7% from prior month, up 3.4% from prior year
- Imports up 1.7% from prior month, exports up 31.0%
- Imports up 13.8% through October, exports up 16%
- Total employment down 5.2% from prior year
- Production worker hourly wage index up 0.8% from prior year
- Factory price index down 0.3% from prior month

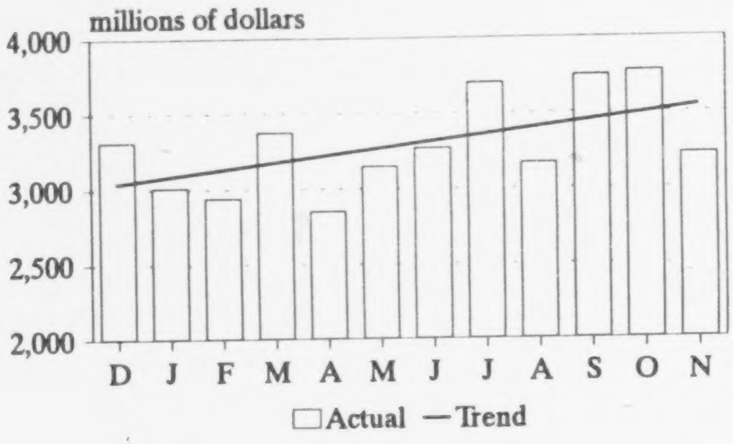
Telecommunications Equipment U.S Factory Trends November 1992

(all data seasonally adjusted)

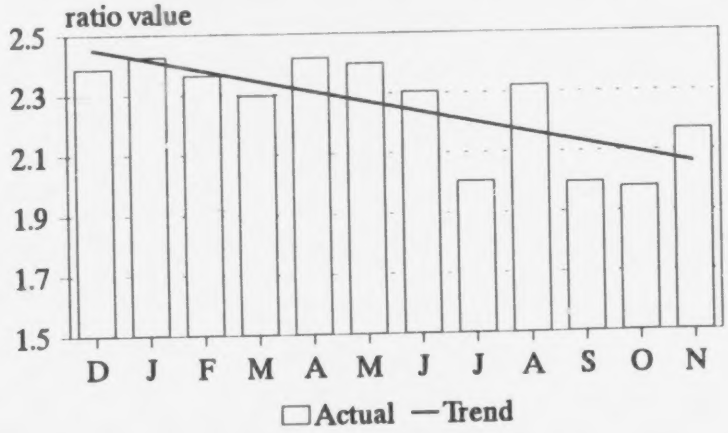
Factory Sales



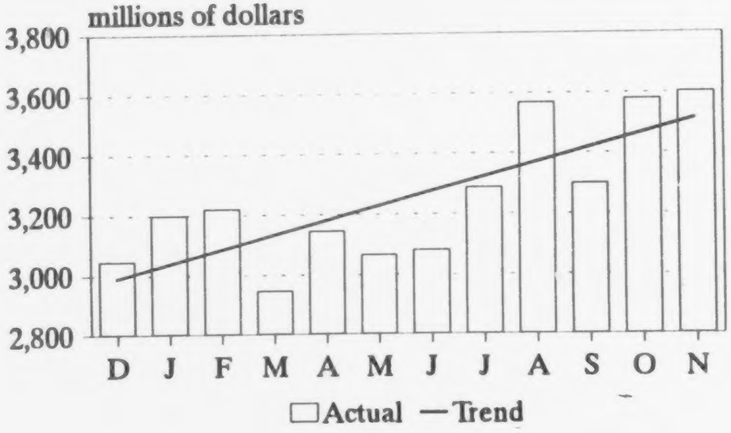
New Orders



Inventory/Sales Ratio



Production



Telecommunications Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	737	725	1.7%	786	657	19.6%	6,767	5,944	13.8%
Exports	1,006	768	31.0%	1,009	585	72.5%	6,994	6,028	16.0%
Balance	269	43	NA	223	(72)	NA	227	84	171.7%

Import/Export Country Summary October 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	2,398,461	35.4%	Canada	1,110,210	15.9%
Canada	795,422	11.8%	Mexico	922,735	13.2%
Malaysia	533,246	7.9%	Japan	506,053	7.2%
Taiwan	502,144	7.4%	U.K.	421,124	6.0%
China	457,046	6.8%	Germany	356,520	5.1%
Mexico	341,102	5.0%	Taiwan	275,961	3.9%
S. Korea	281,747	4.2%	S. Korea	255,853	3.7%
Thailand	246,073	3.6%	China	252,573	3.6%
Singapore	225,596	3.3%	Australia	223,137	3.2%
Philipines	194,699	2.9%	Italy	177,521	2.5%
Other	790,873	11.7%	Other	2,491,784	35.6%

Import/Export Product Summary October 1992

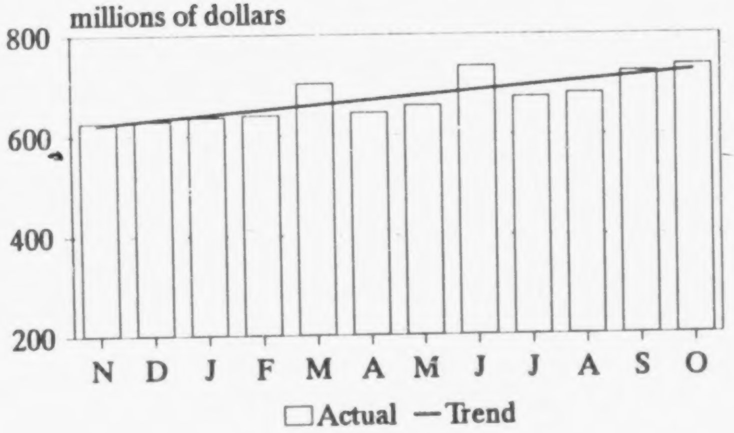
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	101,929	19,958	(81,970)	874,106	190,508	(683,598)
Telephonic Apparatus and Parts	118,672	204,104	85,432	962,181	1,532,724	570,543
Telegraphic Apparatus and Parts	45,467	85,151	39,684	467,752	665,122	197,370
Radio Transmitters	7,018	41,012	33,993	50,227	263,060	212,833
Radio Receivers	18,866	24,120	5,254	176,955	211,727	34,771
Radio Transceivers	53,249	94,331	41,082	508,911	775,232	266,321
Telephone Answering Devices	30,191	12,701	(17,490)	255,466	113,516	(141,950)
TV Transmission/Reception App	143,173	323,589	180,416	1,252,806	1,757,463	504,657
Cellular Telephones	40,038	100,071	60,033	321,607	625,380	303,774
Facsimile Machines	100,367	0	(100,367)	798,734	0	(798,734)
Cordless Telephones	91,118	15,481	(75,637)	771,775	111,940	(659,835)
Modems	15,719	36,982	21,264	133,756	310,186	176,430
Paging Alert Devices	198	39	(159)	2,958	811	(2,147)
Fiber Optic Cable	5,148	19,117	13,969	50,052	137,573	87,521
Other Cable and Parts	14,447	32,425	17,977	139,122	298,229	159,107
Total	785,600	1,009,080	223,480	6,766,409	6,993,471	227,062

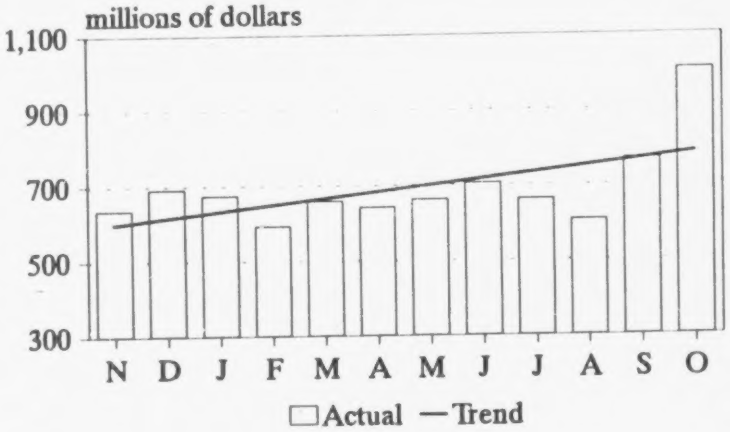
Telecommunications Trade Trends October 1992

(all data seasonally adjusted)

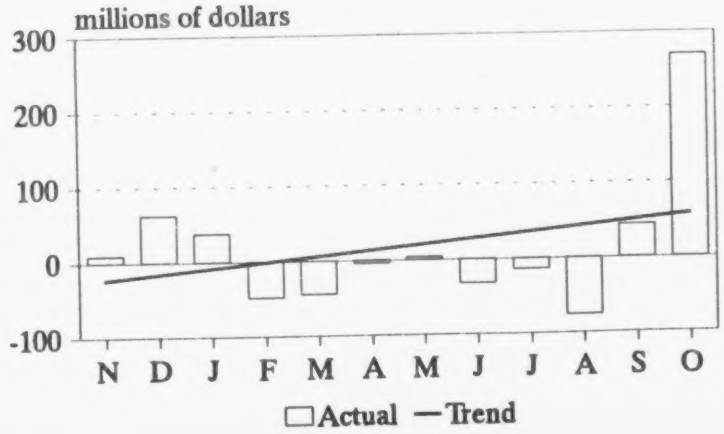
Imports



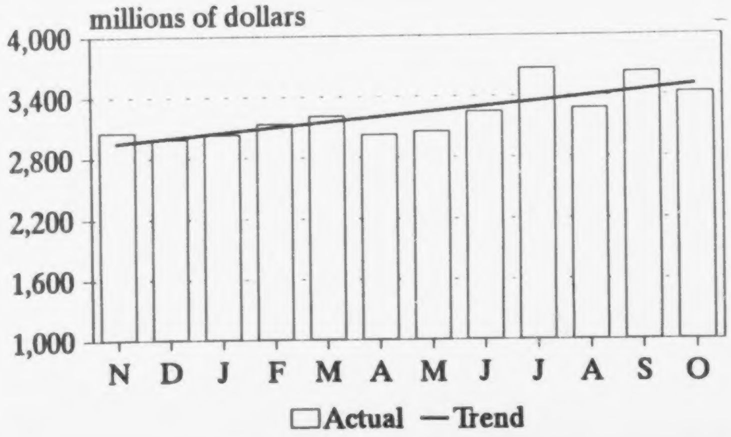
Exports



Balance of Trade



Consumption



Telecommunications Equipment Employment October 1992

(thousands of workers)

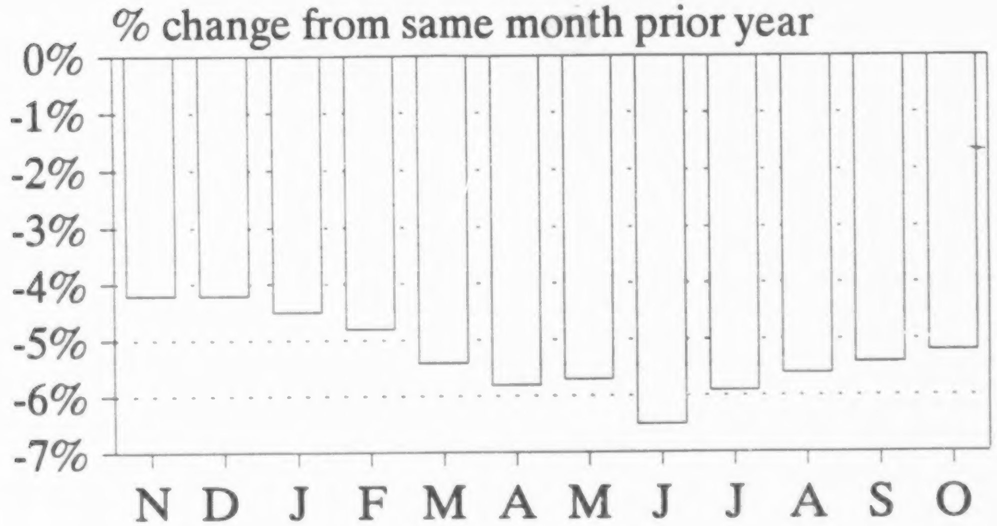
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	121.1	125.6	-3.6%	121.2	-0.1%
Telephone Equip.	62.2	63.9	-2.7%	62.4	-0.3%
Other	58.9	61.7	-4.5%	58.8	0.2%
ALL EMPLOYEES	236.2	249.1	-5.2%	236.6	-0.2%
Telephone Equip.	111.9	117.2	-4.5%	112.1	-0.2%
Other	124.3	131.9	-5.8%	124.5	-0.2%
HOURLY WAGE INDEX	109.7	108.9	0.8%	108.3	1.3%
ANNUAL SALES/EMP	$123,740	$104,710	18.2%	$121,213	2.1%

Telecommunications Equipment Producer Price Indices November 1992

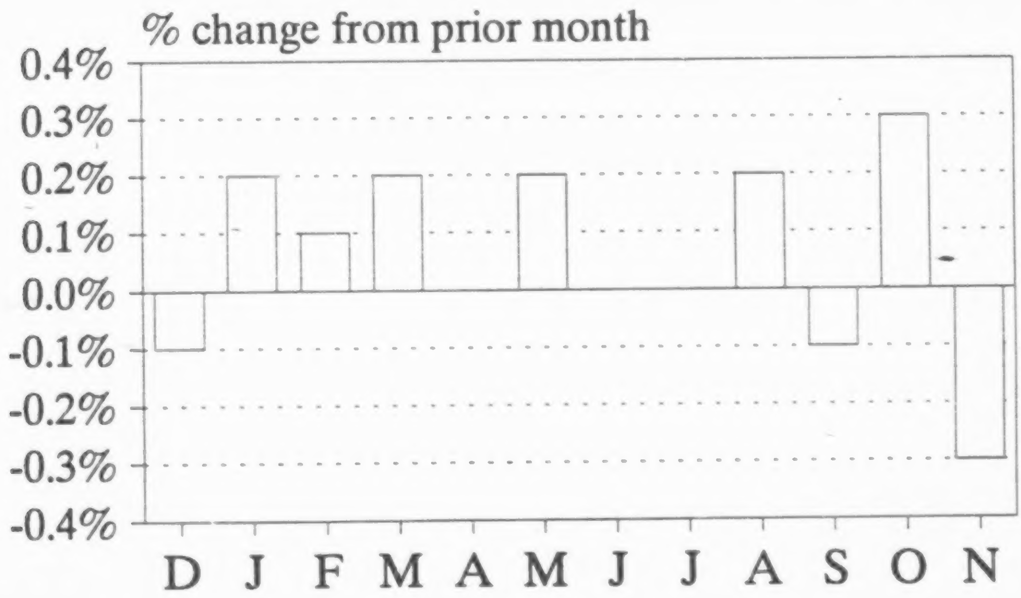
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	103.5	102.6	0.9%	103.8	-0.3%
Line Transmission	98.6	98.1	0.5%	98.6	NA
Switching Equipment	103.8	103.7	0.1%	104.8	-1.0%
Telephone Sets	94.0	95.0	-1.0%	94.1	-0.1%
Other Telephone	102.2	102.3	-0.1%	102.6	-0.4%
Broadcast Equipment	103.7	102.3	1.3%	103.7	NA
Mobile Communications	105.5	103.5	2.0%	105.5	NA
Intercom Systems	101.4	101.3	0.1%	101.4	NA
Fiber Optic Cable	104.7	103.9	0.8%	103.9	0.8%

Telecommunications
All Employees October 1992



Telecommunications
Composite Price Index November 1992



Other Specialized Communications
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,350	2,344	0.3%	2,571	2,974	-13.5%	26,744	29,155	-8.3%
New Orders	2,490	1,789	39.2%	2,785	2,171	28.3%	23,246	26,227	-11.4%
Production	2,242	2,121	5.7%	2,406	2,723	-11.7%	25,761	28,578	-9.9%
Inventory	6,293	6,401	-1.7%	6,292	7,495	-16.1%	NA	NA	
Unfilled Orders	32,068	31,929	0.4%	32,011	35,971	-11.0%	NA	NA	
Book/Bill Ratio	1.06	0.76	38.8%	1.08	0.73	48.4%	NA	NA	
Inv/Sales Ratio	2.68	2.73	-2.0%	2.45	2.52	-2.9%	NA	NA	
Unf/Sales Ratio	13.65	13.62	0.2%	12.45	12.10	2.9%	NA	NA	
Prod/Sales Ratio	0.95	0.91	5.4%	0.94	0.92	2.2%	NA	NA	

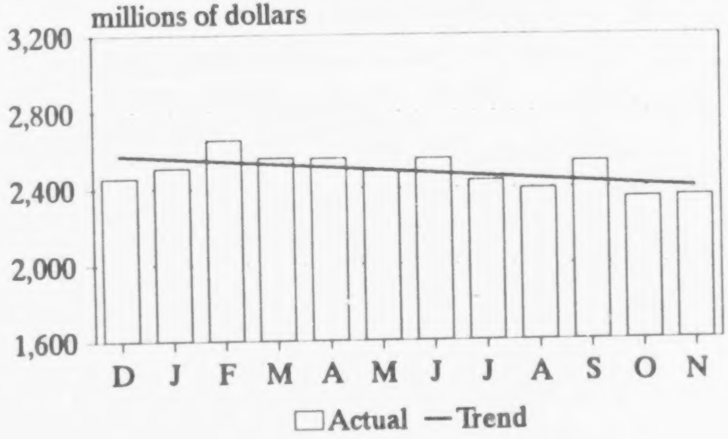
Other Specialized Communications Economic Summary

- Factory sales up 0.3% from prior month, down 8.3% through past 11 months
- New orders up 39.2% from prior month, down 11.4% through November
- Inventory down 1.7% from prior month, down 16.1% from prior year
- Imports up 20.9% from prior month, exports up 27.4%
- Imports up 8.3% through October, exports down 1.3%
- Total employment down 10.7% from prior year
- Production worker hourly wage index up 4.2% from prior year
- Factory price index up 0.1% from prior month

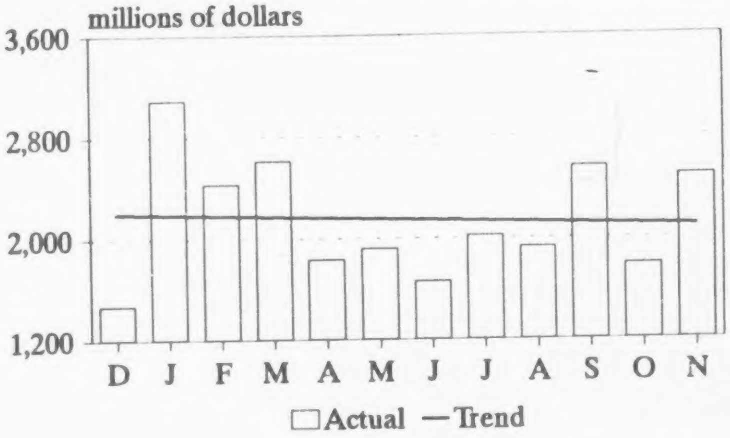
Other Communications U.S Factory Trends November 1992

(all data seasonally adjusted)

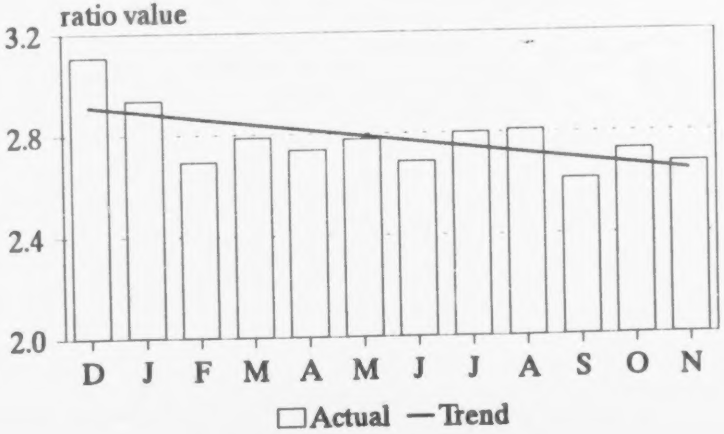
Factory Sales



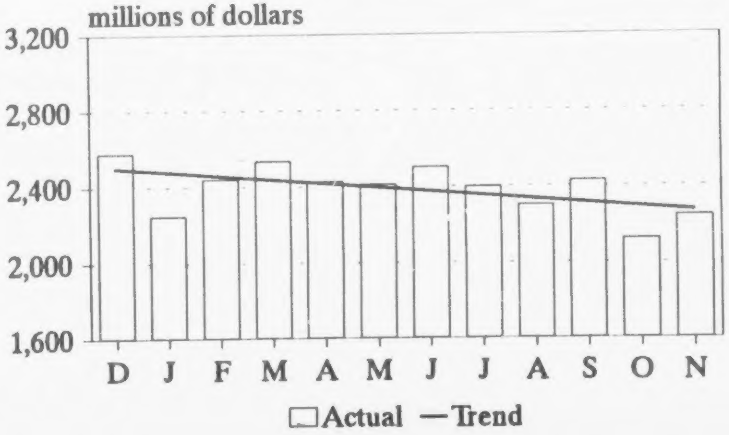
New Orders



Inventory/Sales Ratio



Production



Other Specialized Communications Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	110	91	20.9%	115	95	21.1%	936	864	8.3%
Exports	242	190	27.4%	244	223	9.4%	2,105	2,133	-1.3%
Balance	132	99	33.3%	129	128	0.8%	1,170	1,270	-7.9%

Import/Export Country Summary October 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	177,109	19.1%	Japan	264,387	12.6%
Japan	110,959	12.0%	Canada	225,762	10.7%
U.K.	108,768	11.7%	U.K.	171,705	8.2%
France	108,292	11.7%	France	160,688	7.6%
Taiwan	92,719	10.0%	Netherlands	123,461	5.9%
Mexico	81,185	8.8%	Taiwan	105,631	5.0%
Germany	48,302	5.2%	Egypt	104,063	4.9%
China	39,989	4.3%	Germany	82,718	3.9%
S. Korea	36,497	3.9%	Israel	80,779	3.8%
Israel	35,435	3.8%	S. Korea	65,261	3.1%
Other	88,417	9.5%	Other	720,329	34.2%

Import/Export Product Summary October 1992

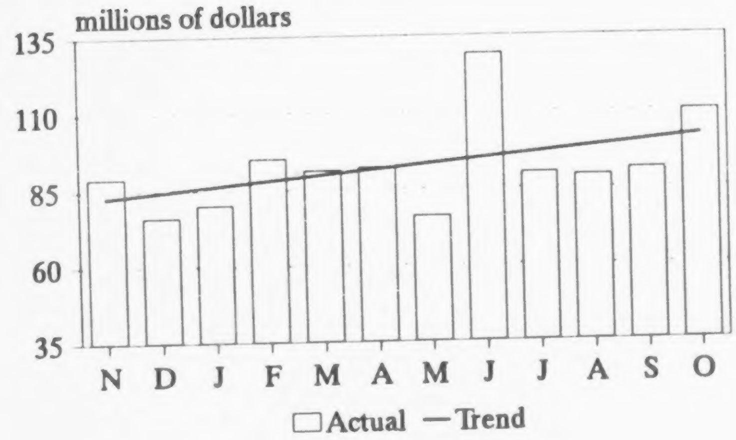
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors and Other Alarms	28,398	16,316	(12,082)	210,338	148,206	(62,132)
Sound/Sight Signaling Apparatus	1,501	3,640	2,139	11,875	52,840	40,964
Radar/Radio Navigational Equipment	83,924	222,762	138,838	695,186	1,887,037	1,191,851
Meteorological/Geophysical	968	1,732	764	10,273	16,702	6,429
Total	114,791	244,451	129,659	927,672	2,104,784	1,177,112

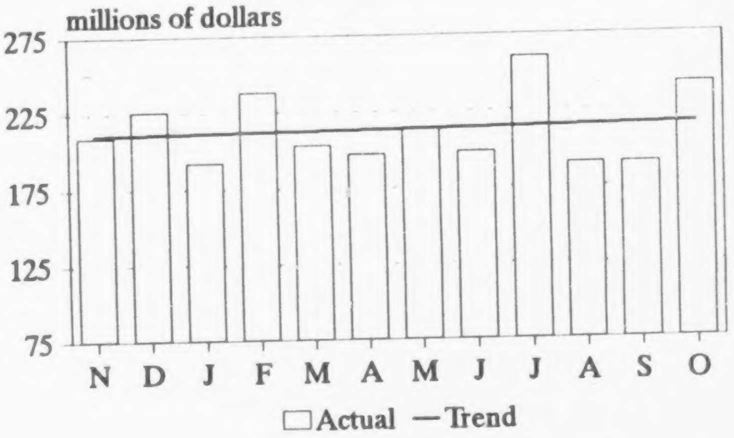
Other Communications Trade Trends October 1992

(all data seasonally adjusted)

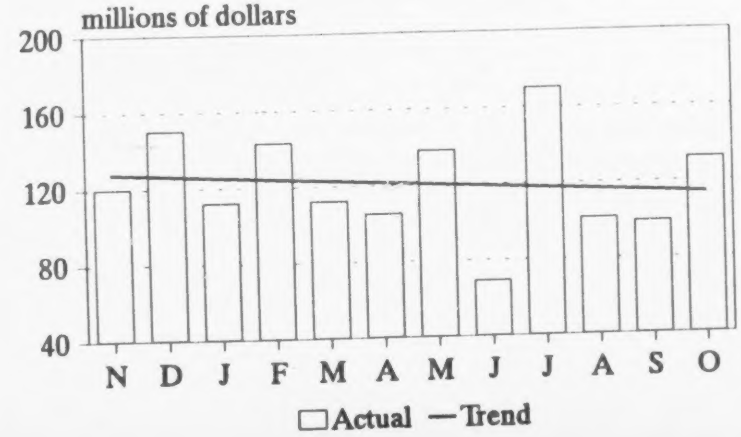
Imports



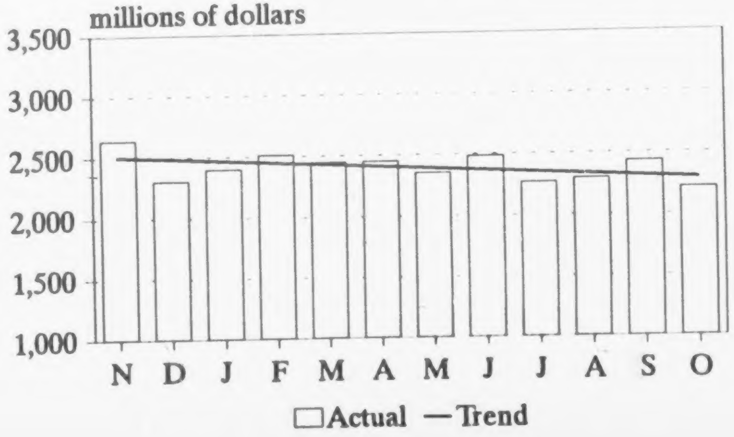
Exports



Balance of Trade



Consumption



Other Specialized Communications Employment October 1992

(thousands of workers)

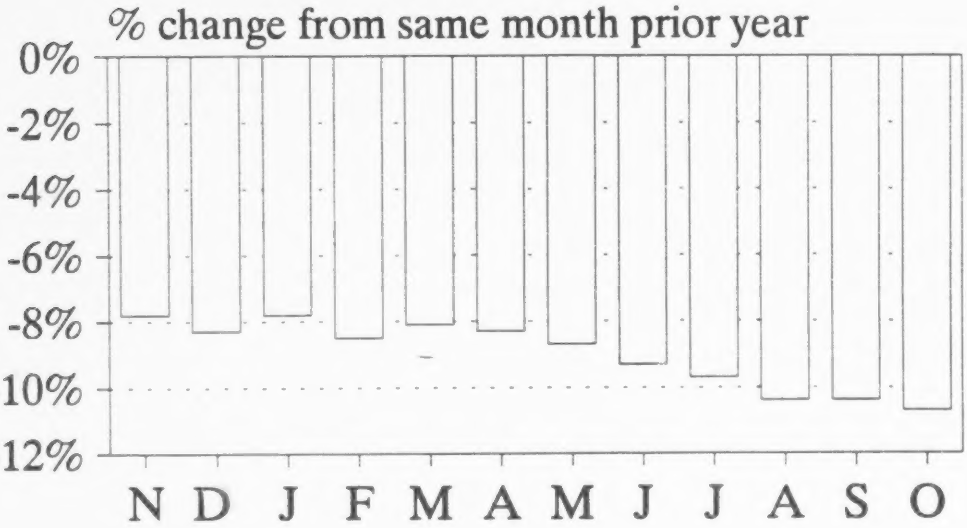
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	72.8	81.5	-10.7%	73.4	-0.8%
ALL EMPLOYEES	229.8	257.2	-10.7%	232.5	-1.2%
HOURLY WAGE INDEX	121.5	116.6	4.2%	120.7	0.7%
ANNUAL SALES/EMP	$124,246	$122,725	1.2%	$124,571	-0.3%

Other Specialized Communications Producer Price Indices November 1992

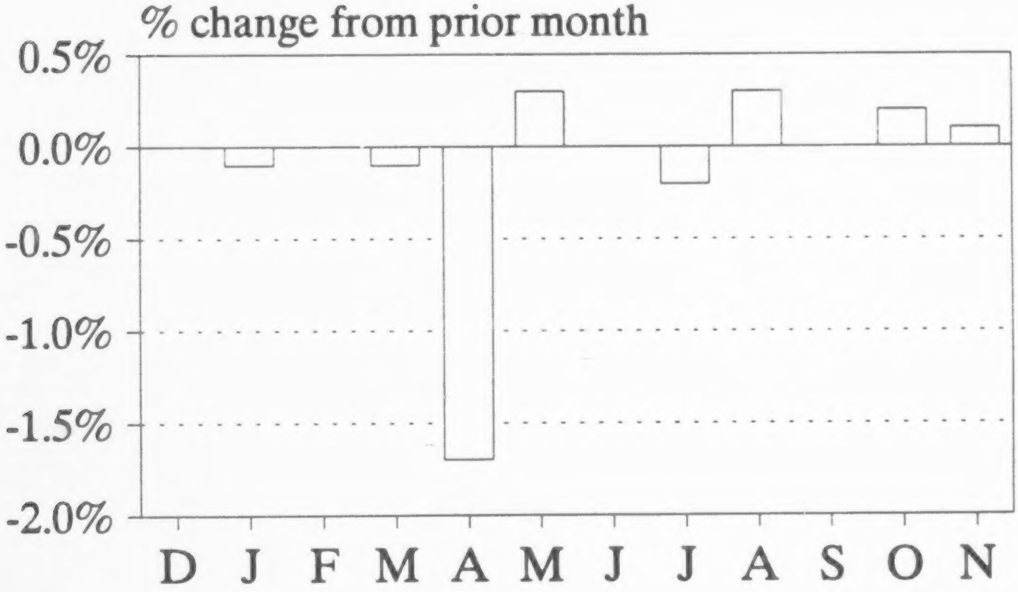
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	99.1	100.4	-1.3%	99.0	0.1%
Navigation Systems	101.6	102.1	-0.5%	101.1	0.5%
Radar Equipment	102.4	100.5	1.9%	101.4	1.0%
Defense Electronics	94.7	99.7	-5.0%	95.8	-1.1%

Other Communications
All Employees October 1992



Other Communications
Composite Price Index November 1992



Computers & Peripherals
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,209	4,640	12.3%	5,053	4,490	12.5%	52,090	46,189	12.8%
New Orders	5,070	4,633	9.4%	4,925	4,286	14.9%	51,065	46,076	10.8%
Production	5,251	4,814	9.1%	5,115	4,445	15.1%	52,571	46,106	14.0%
Inventory	8,167	8,124	0.5%	8,322	8,539	-2.5%	NA	NA	
Unfilled Orders	6,499	6,638	-2.1%	6,662	8,625	-22.8%	NA	NA	
Book/Bill Ratio	0.97	1.00	-2.5%	0.97	0.95	2.1%	NA	NA	
Inv/Sales Ratio	1.57	1.75	-10.5%	1.65	1.90	-13.4%	NA	NA	
Unf/Sales Ratio	1.25	1.43	-12.8%	1.32	1.92	-31.4%	NA	NA	
Prod/Sales Ratio	1.01	1.04	-2.8%	1.01	0.99	2.3%	NA	NA	

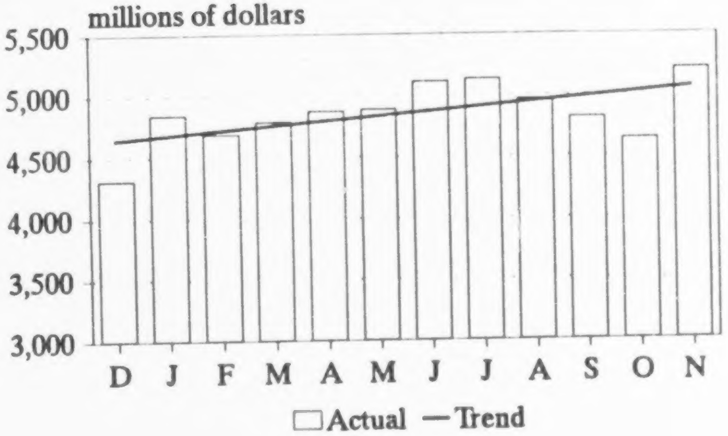
Computers & Peripherals Economic Summary

- Factory sales up 12.3% from prior month, up 12.8% through past 11 months
- New orders up 9.4% from prior month, up 10.8% through November
- Inventory up 0.5% from prior month, down 2.5% from prior year
- Imports down 4.8% from prior month, exports down 6.9%
- Imports up 19.4% through October, exports up 4.2%
- Total employment down 4.9% from prior year
- Production worker hourly wage index up 0.2% from prior year
- Factory price index down 0.6% from prior month

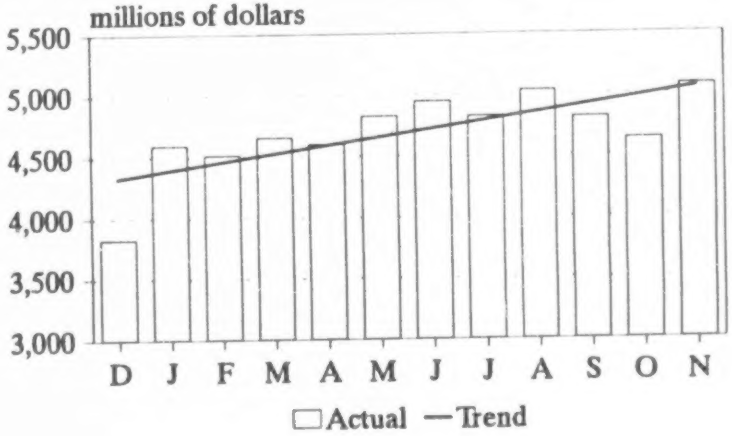
Computers & Peripherals U.S Factory Trends November 1992

(all data seasonally adjusted)

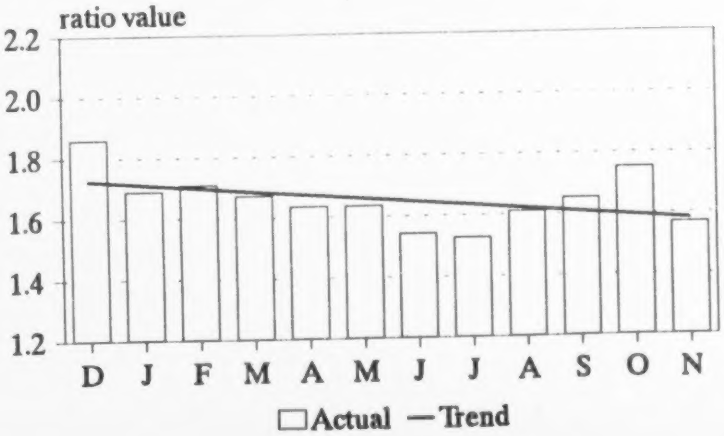
Factory Sales



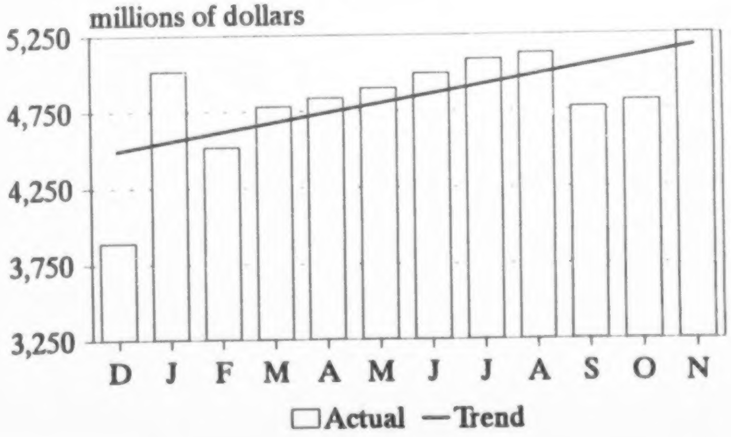
New Orders



Inventory/Sales Ratio



Production



Computer & Peripheral Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	2,823	2,966	-4.8%	2,893	2,370	22.1%	26,000	21,778	19.4%
Exports	2,553	2,742	-6.9%	2,587	2,422	6.8%	24,703	23,706	4.2%
Balance	(270)	(224)	20.5%	(306)	52	NA	(1,297)	1,928	NA

Import/Export Country Summary October 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	9,186,488	37.2%	Canada	3,836,883	15.5%
Singapore	4,386,913	17.8%	Japan	3,013,872	12.2%
Taiwan	3,535,155	14.3%	U.K.	2,481,132	10.0%
Canada	1,756,931	7.1%	Germany	2,317,976	9.4%
S. Korea	1,148,723	4.7%	Netherlands	1,622,936	6.6%
U.K.	872,195	3.5%	Singapore	1,215,525	4.9%
Mexico	752,667	3.0%	France	1,161,352	4.7%
Malaysia	706,872	2.9%	Mexico	976,116	4.0%
Thailand	691,084	2.8%	Australia	859,194	3.5%
Hong Kong	565,649	2.3%	Taiwan	528,399	2.1%
Other	1,099,499	4.5%	Other	6,688,791	27.1%

Import/Export Product Summary October 1992

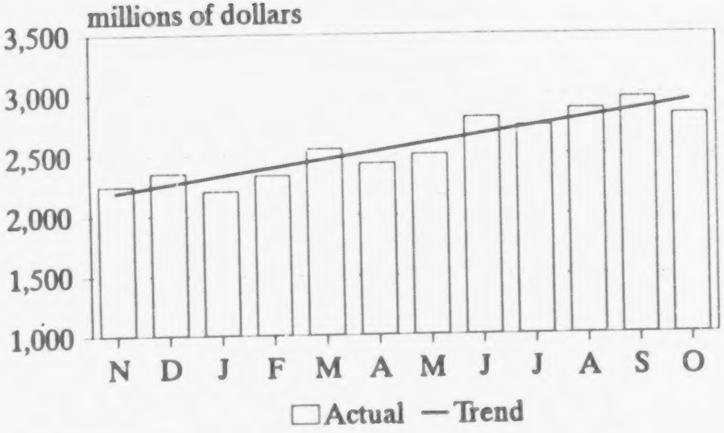
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	406,182	674,114	267,933	3,679,145	6,839,080	3,159,935
Monitors	356,487	66,510	(289,977)	3,142,063	604,698	(2,537,366)
Disk Drives and Blank Computer Media	780,783	497,797	(282,986)	7,515,282	4,727,439	(2,787,843)
Printers	277,120	136,788	(140,332)	2,467,189	1,114,436	(1,352,753)
Other Computer Peripherals	67,605	106,960	39,355	653,322	1,013,826	360,505
Other Business Machines and Parts	1,004,836	1,104,938	100,101	8,544,451	10,402,697	1,858,246
Total	2,893,013	2,587,107	(305,906)	26,001,452	24,702,176	(1,299,276)

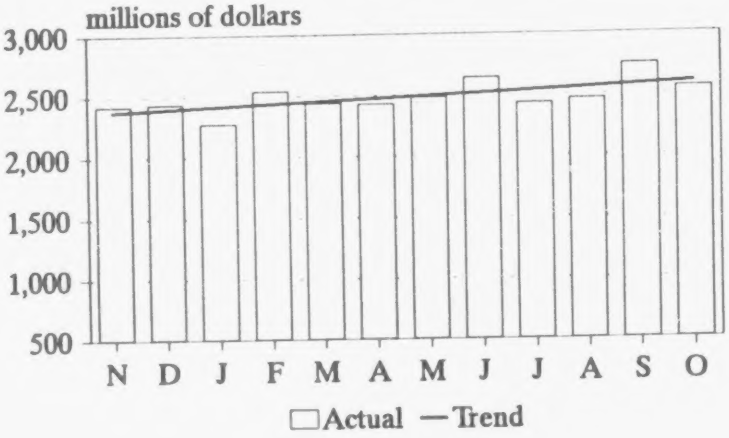
Computers & Peripherals Trade Trends October 1992

(all data seasonally adjusted)

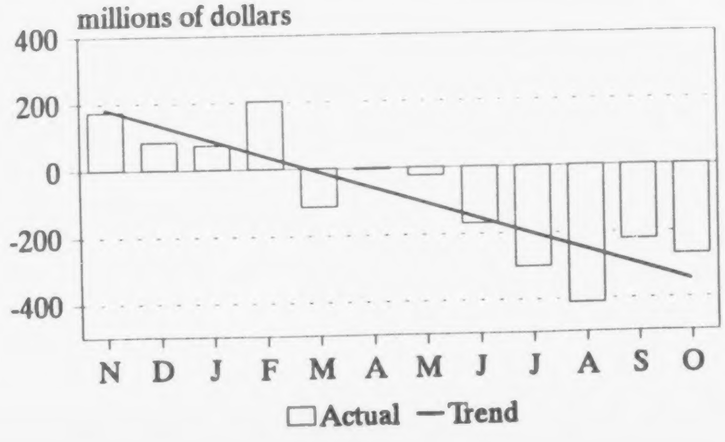
Imports



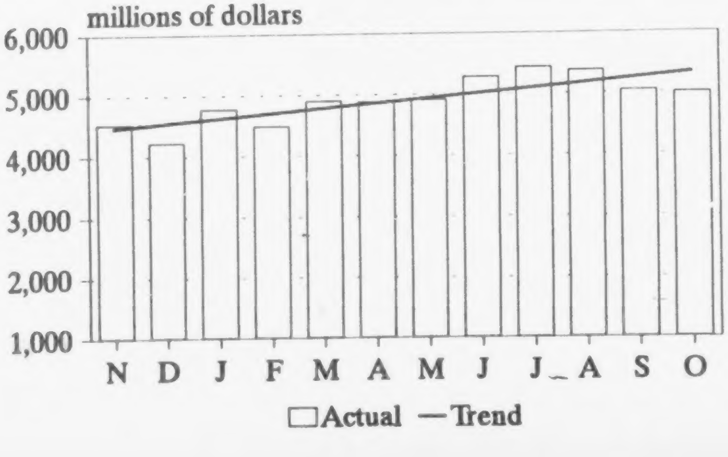
Exports



Balance of Trade



Consumption



Computer & Peripheral Employment October 1992

(thousands of workers)

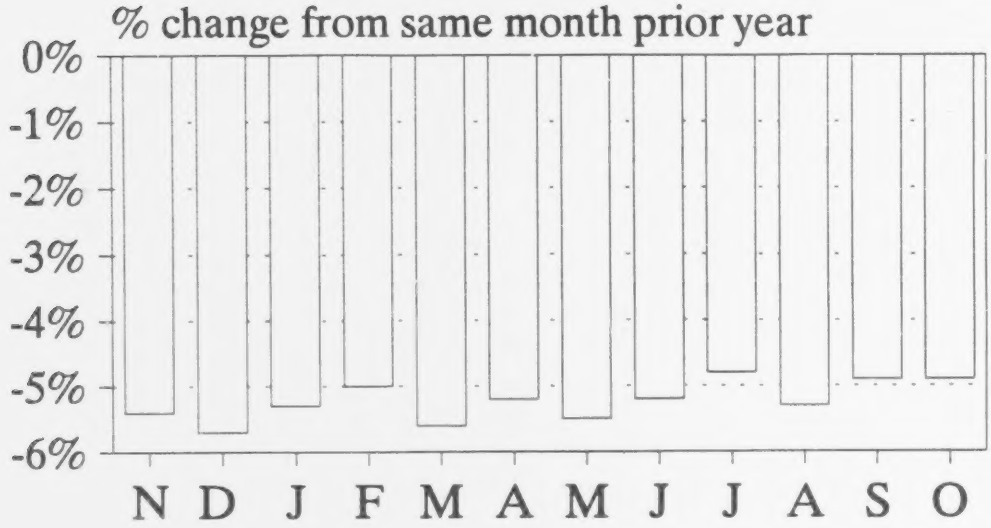
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	130.7	132.2	-1.1%	130.4	0.2%
Computers	59.4	62.5	-5.0%	60.5	-1.8%
Other	71.3	69.7	2.3%	69.9	2.0%
ALL EMPLOYEES	388.7	408.8	-4.9%	392.2	-0.9%
Computers	233.3	252.5	-7.6%	237.6	-1.8%
Other	155.4	156.3	-0.6%	154.6	0.5%
HOURLY WAGE INDEX	116.1	115.9	0.2%	116.8	-0.6%
ANNUAL SALES/EMP	$122,106	$103,915	17.5%	$121,375	0.6%

Computer & Peripheral Producer Price Indices November 1992

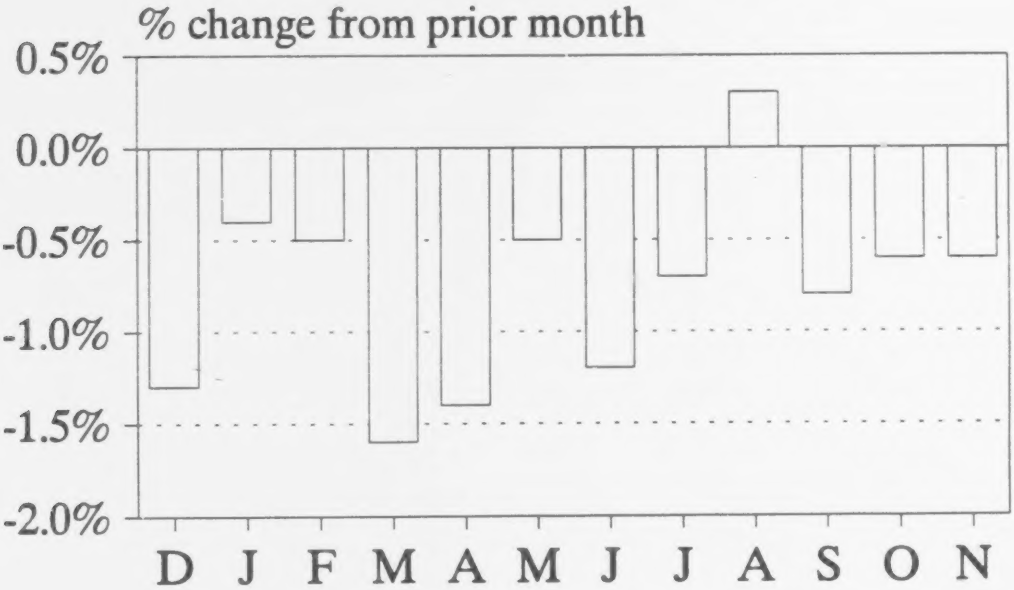
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	73.0	80.2	-9.0%	73.5	-0.6%
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	63.4	78.7	-19.4%	63.8	-0.6%
Hard Disks	102.0	100.9	1.1%	105.5	-3.3%
Floppy Diskettes	92.0	97.2	-5.3%	92.6	-0.6%

Computers & Peripherals
All Employees October 1992



Computers & Peripherals
Composite Price Index November 1992



Industrial Electronics
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,081	2,103	-1.0%	2,097	2,111	-0.6%	22,690	22,253	2.0%
New Orders	2,139	2,231	-4.2%	2,784	2,090	33.2%	26,240	22,055	19.0%
Production	2,046	2,041	0.2%	2,018	2,086	-3.3%	21,299	22,036	-3.3%
Inventory	4,404	4,439	-0.8%	3,013	4,513	-33.2%	NA	NA	
Unfilled Orders	5,128	5,143	-0.3%	3,025	5,345	-43.4%	NA	NA	
Book/Bill Ratio	1.03	1.06	-3.1%	1.33	0.99	34.0%	NA	NA	
Inv/Sales Ratio	2.12	2.11	0.3%	1.44	2.14	-32.8%	NA	NA	
Unf/Sales Ratio	2.46	2.45	0.7%	1.44	2.53	-43.0%	NA	NA	
Prod/Sales Ratio	0.98	0.97	1.3%	0.96	0.99	-2.7%	NA	NA	

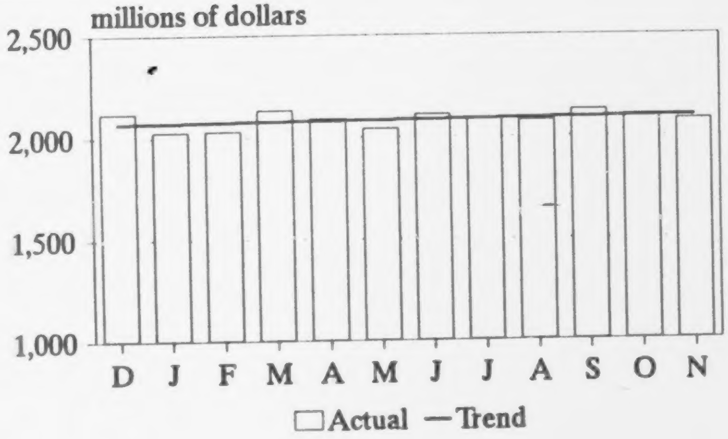
Industrial Electronics Economic Summary

- Factory sales down 1% from prior month, up 2.0% through past 11 months
- New orders down 4.2% from prior month, up 19% through November
- Inventory down 0.8% from prior month, down 33.2% from prior year
- Imports up 8.7% from prior month, exports down 2%
- Imports down 0.9% through October, exports up 1.9%
- Total employment down 6.5% from prior year
- Production worker hourly wage index up 6.9% from prior year
- Factory price index up 0.6% from prior month

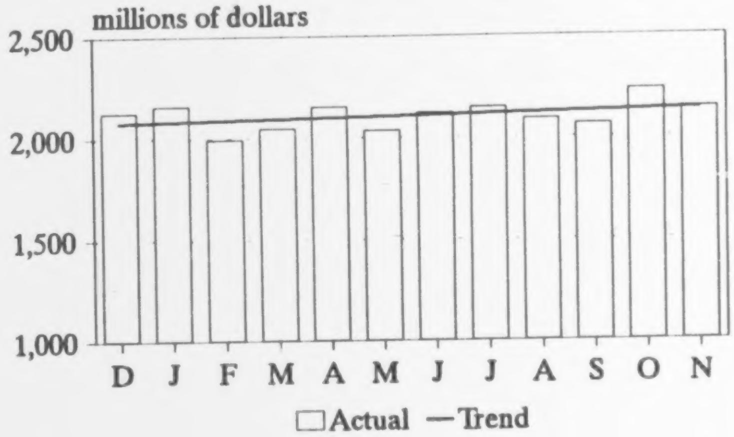
Industrial Electronics U.S Factory Trends November 1992

(all data seasonally adjusted)

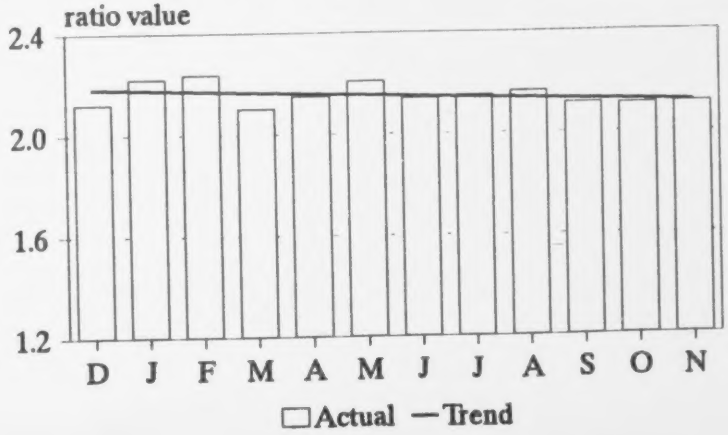
Factory Sales



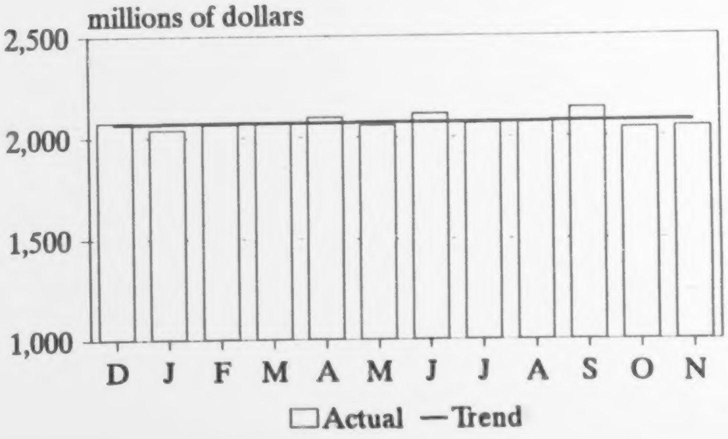
New Orders



Inventory/Sales Ratio



Production



Industrial Electronics Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	301	277	8.7%	311	279	11.5%	2,527	2,505	0.9%
Exports	641	654	-2.0%	650	620	4.8%	6,218	6,340	-1.9%
Balance	340	377	-9.8%	339	341	-0.6%	3,691	3,835	-3.8%

Import/Export Country Summary October 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	668,099	25.2%	Japan	834,108	13.3%
U.K.	328,121	12.4%	Canada	825,988	13.1%
Canada	325,729	12.3%	Germany	491,623	7.8%
Germany	297,872	11.2%	U.K.	425,664	6.8%
Mexico	151,420	5.7%	S. Korea	400,595	6.4%
France	102,901	3.9%	Mexico	385,168	6.1%
Netherlands	69,803	2.6%	France	324,602	5.2%
Switzerland	69,802	2.6%	Taiwan	279,440	4.4%
Taiwan	53,594	2.0%	Italy	204,705	3.3%
Sweden	45,209	1.7%	Singapore	184,234	2.9%
Other	536,444	20.3%	Other	1,930,420	30.7%

Import/Export Product Summary October 1992

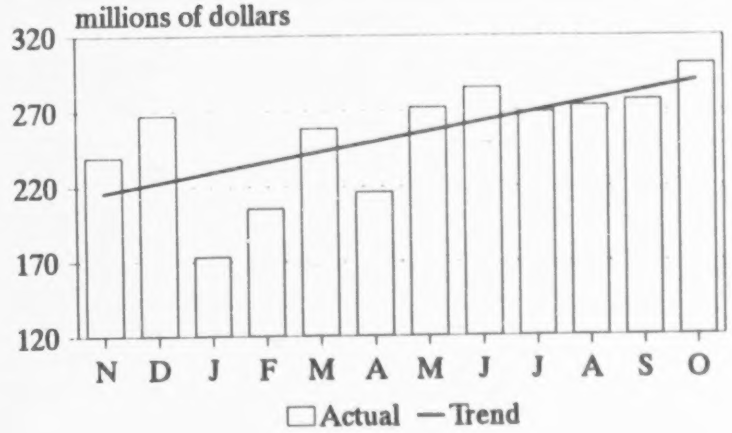
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	10,720	7,850	(2,870)	102,441	63,476	(38,966)
Testing/Analyzing Equipment	50,149	184,530	134,381	461,028	1,740,835	1,279,807
Measuring/Analyzing Equipment	72,769	206,080	133,311	674,802	2,033,122	1,358,320
Process/Control Devices	34,890	57,168	22,278	313,548	544,059	230,511
Other Electronic Machinery	142,773	193,929	51,156	1,097,174	1,905,056	807,882
Total	311,301	649,556	338,255	2,648,994	6,286,547	3,637,554

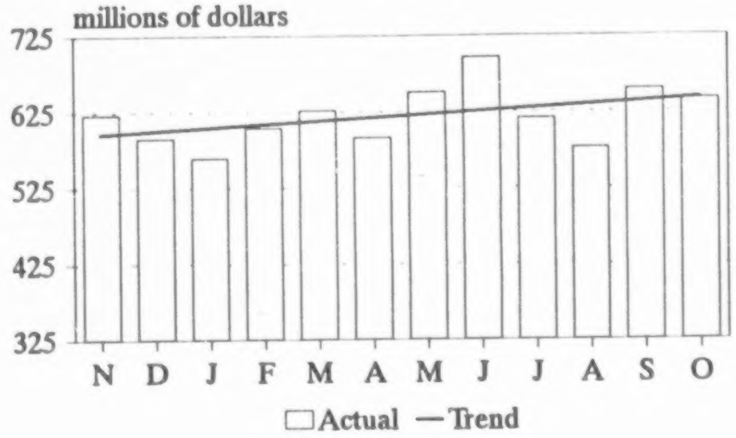
Industrial Electronics Trade Trends October 1992

(all data seasonally adjusted)

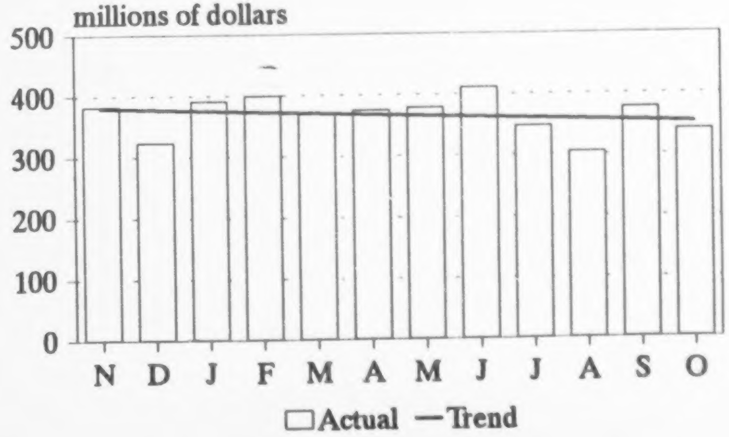
Imports



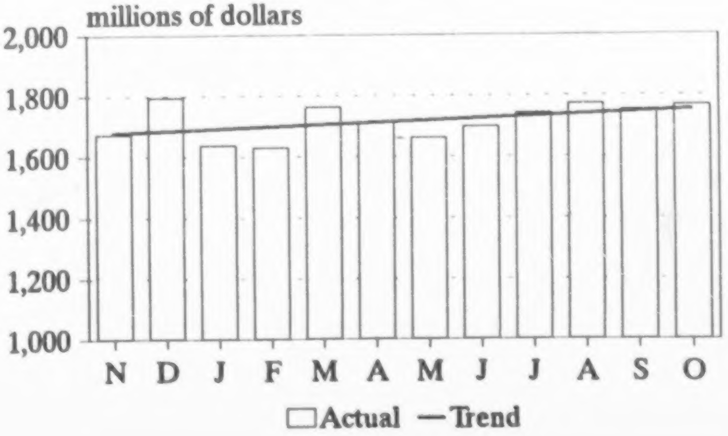
Exports



Balance of Trade



Consumption



Industrial Electronics Employment October 1992

(thousands of workers)

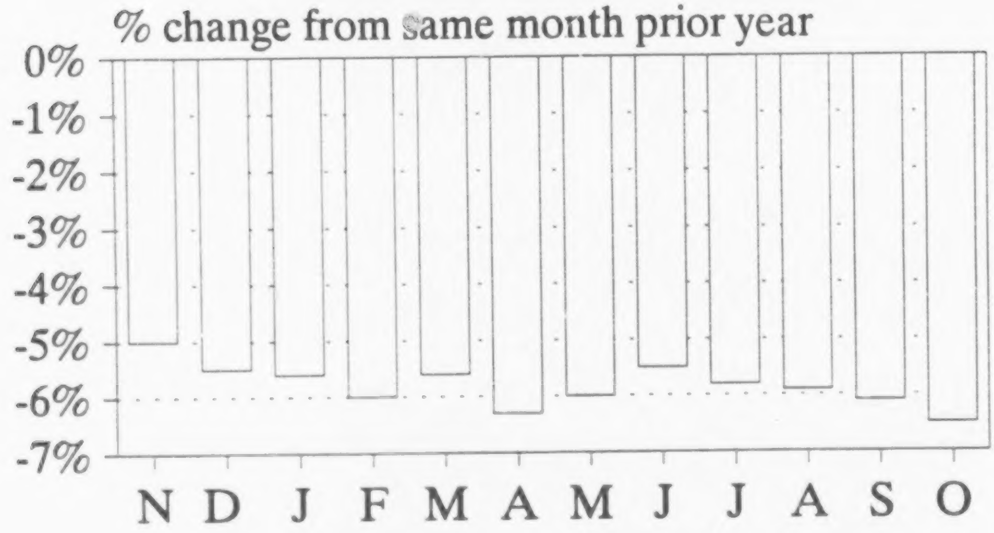
			Not Seasonally Adj		
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	114.9	127.7	-10.0%	116.0	-0.9%
Process Controls	27.1	31.2	-13.1%	27.3	-0.7%
Testing/Measuring	37.8	41.5	-8.9%	38.7	-2.3%
Other	50.0	55.0	-9.1%	50.0	NA
ALL EMPLOYEES	229.2	245.1	-6.5%	231.1	-0.8%
Process Controls	56.8	61.5	-7.6%	57.6	-1.4%
Testing/Measuring	78.2	84.5	-7.5%	79.3	-1.4%
Other	94.2	99.1	-4.9%	94.2	NA
HOURLY WAGE INDEX	122.0	114.1	6.9%	120.9	0.9%
ANNUAL SALES/EMP	$105,926	$96,562	9.7%	$104,941	0.9%

Industrial Electronics Producer Price Indices November 1992

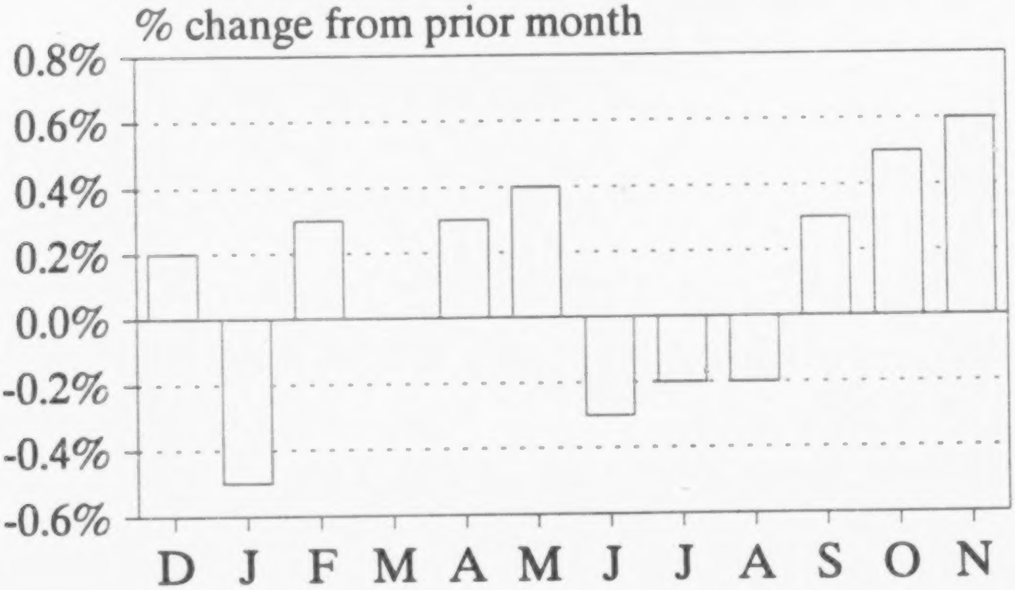
(12/90=100)

			Not Seasonally Adj		
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	104.3	102.8	1.5%	103.7	0.6%
Testing/Measuring	103.6	102.9	0.7%	102.4	1.2%
Nuclear Radiation	103.6	101.5	2.2%	103.6	NA
Process Controls	105.2	101.1	4.0%	105.4	-0.2%
Other Equipment	104.6	104.1	0.4%	104.5	0.1%

Industrial Electronics
All Employees October 1992



Industrial Electronics
Composite Price Index November 1992



Electromedical Equipment
U.S. Factory Data November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	641	637	0.6%	627	631	-0.7%	7,086	6,868	3.2%
New Orders	651	754	-13.7%	637	588	8.3%	7,167	6,809	5.3%
Production	645	639	1.0%	629	641	-1.9%	7,174	6,954	3.2%
Inventory	1,426	1,422	0.3%	1,426	1,380	3.3%	NA	NA	
Unfilled Orders	1,925	1,915	0.5%	1,925	1,948	-1.1%	NA	NA	
Book/Bill Ratio	1.02	1.18	-14.2%	1.02	0.93	9.0%	NA	NA	
Inv/Sales Ratio	2.23	2.23	-0.3%	2.27	2.19	4.0%	NA	NA	
Unf/Sales Ratio	3.00	3.01	-0.1%	3.07	3.08	-0.5%	NA	NA	
Prod/Sales Ratio	1.01	1.00	0.4%	1.00	1.01	-1.3%	NA	NA	

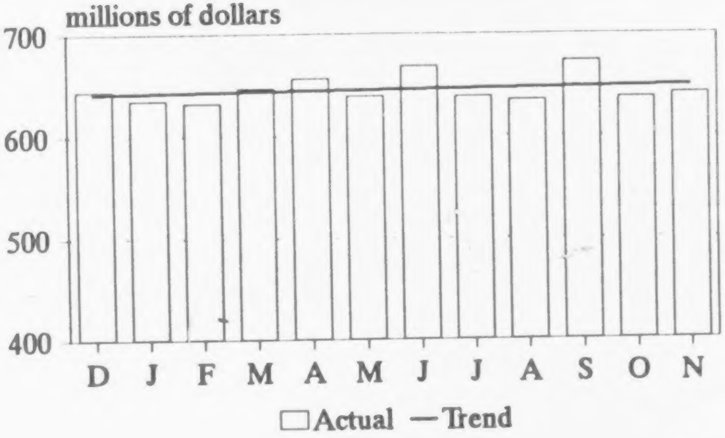
Electromedical Equipment Economic Summary

- Factory sales up 0.6% from prior month, up 3.2% through past 11 months
- New orders down 13.7% from prior month, up 5.3% through November
- Inventory up 0.3% from prior month, up 3.3% from prior year
- Imports down 13.2% from prior month, exports up 6.3%
- Imports down 0.2% through October, exports up 13.1%
- Total employment up 3.2% from prior year
- Production worker hourly wage index up 4.3% from prior year
- Factory price index unchanged from prior month

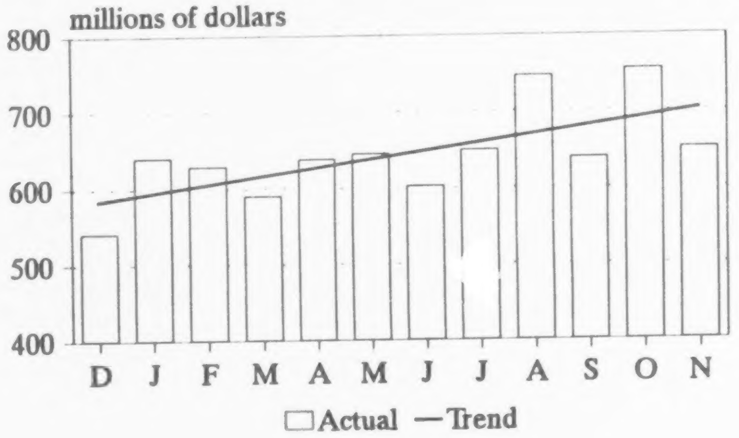
Electromedical Equipment U.S Factory Trends November 1992

(all data seasonally adjusted)

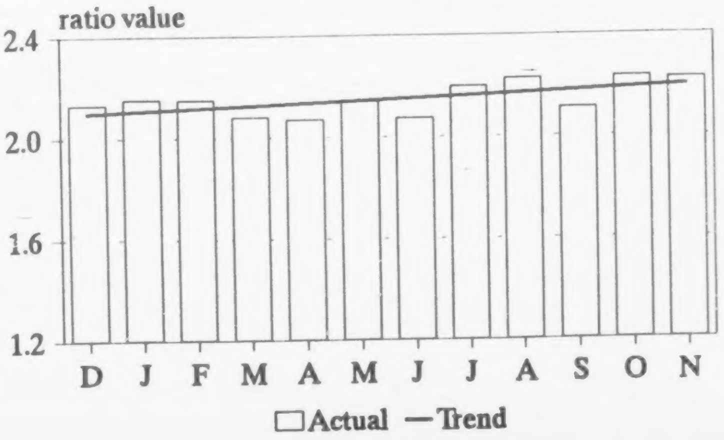
Factory Sales



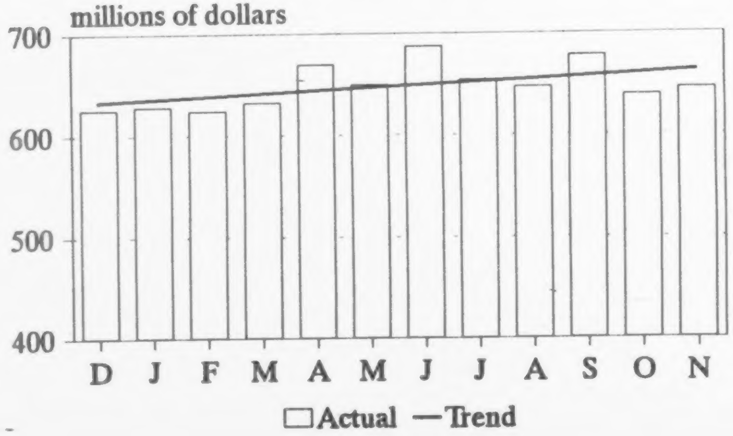
New Orders



Inventory/Sales Ratio



Production



Electromedical Equipment Foreign Trade Summary

Import/Export Summary October 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Oct 92	Sep 92	% ch.	Oct 92	Oct 91	% ch.	YTD 92	YTD 91	% ch.
Imports	178	205	-13.2%	185	199	-7.0%	1,862	1,866	-0.2%
Exports	303	285	6.3%	309	273	13.2%	2,816	2,490	13.1%
Balance	125	80	56.3%	124	74	67.6%	954	623	53.0%

Import/Export Country Summary October 1992

(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	582,599	31.3%	Germany	405,994	14.4%
Germany	573,858	30.8%	Japan	389,786	13.8%
Netherlands	136,280	7.3%	Canada	234,440	8.3%
France	111,314	6.0%	Netherlands	228,074	8.1%
Mexico	84,505	4.5%	France	159,031	5.6%
U.K.	67,837	3.6%	U.K.	152,649	5.4%
Ireland	27,638	1.5%	Italy	112,544	4.0%
Israel	26,793	1.4%	Mexico	100,250	3.6%
Canada	26,305	1.4%	Australia	88,812	3.2%
Italy	25,497	1.4%	Sweden	77,993	2.8%
Other	200,185	10.7%	Other	865,729	30.8%

Import/Export Product Summary October 1992

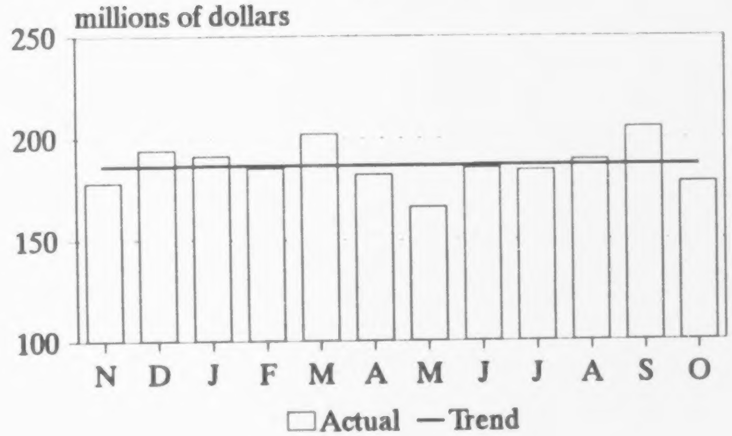
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	96,607	230,370	133,763	1,034,448	2,098,966	1,064,518
X-Ray and Related Equipment	88,498	78,295	(10,202)	828,364	716,337	(112,027)
Total	185,105	308,666	123,561	1,862,811	2,815,302	952,491

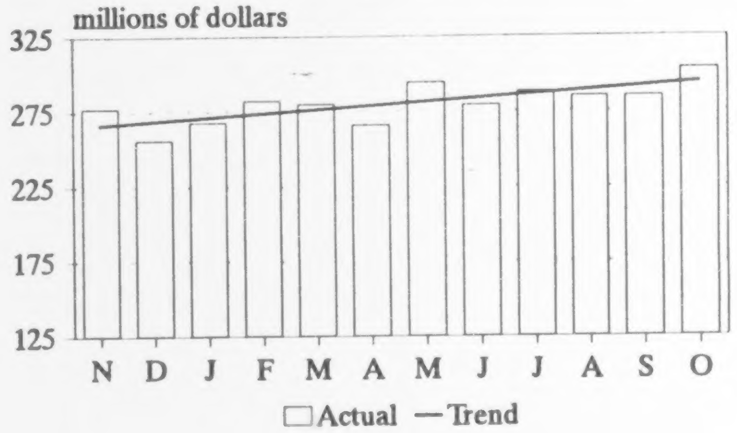
Electromedical Equipment Trade Trends October 1992

(all data seasonally adjusted)

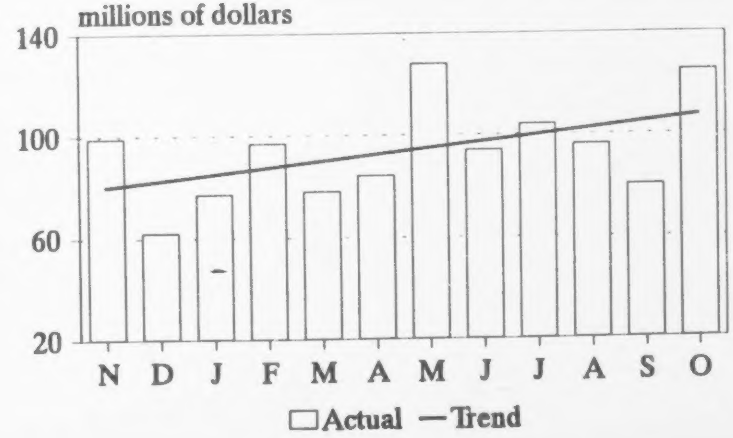
Imports



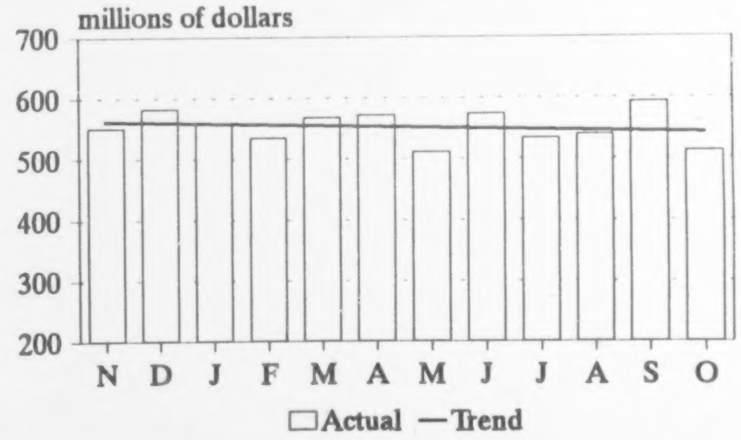
Exports



Balance of Trade



Consumption



Electromedical Equipment Employment October 1992

(thousands of workers)

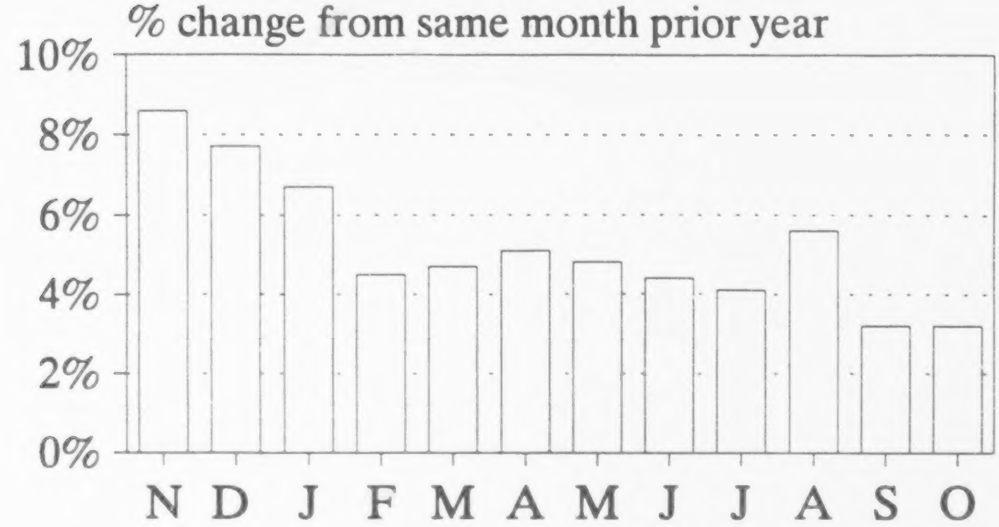
	Not Seasonally Adj				
	Oct 92	Oct 91	% ch.	Sep 92	% ch.
PRODUCTION WORKERS	18.2	17.0	7.1%	18.1	0.6%
ALL EMPLOYEES	45.3	43.9	3.2%	45.5	-0.4%
HOURLY WAGE INDEX	120.9	115.9	4.3%	120.9	NA
ANNUAL SALES/EMP	$172,161	$173,747	-0.9%	$172,774	-0.4%

Electromedical Equipment Producer Price Indices November 1992

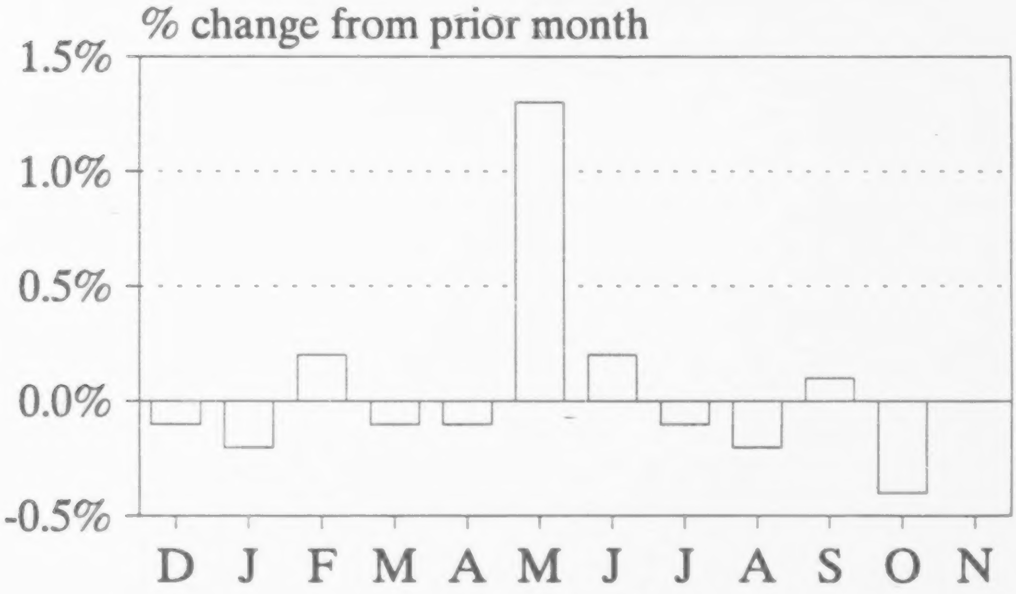
(12/90=100)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
COMPOSITE INDEX	102.1	101.4	0.7%	102.1	NA
Irradiation Equipment	100.6	101.7	-1.1%	100.6	NA
Diagnostic/Monitoring	102.8	101.4	1.4%	102.9	-0.1%
Electrotherapeutic	102.3	101.2	1.0%	102.3	NA

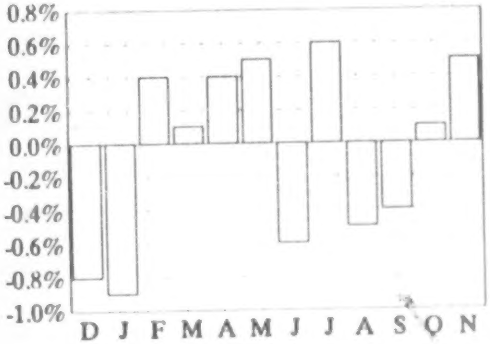
Electromedical Equipment
All Employees October 1992



Electromedical Equipment
Composite Price Index November 1992

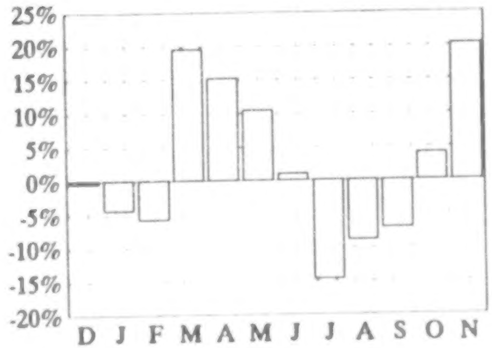


Capacity Utilization
(percent change from previous month)



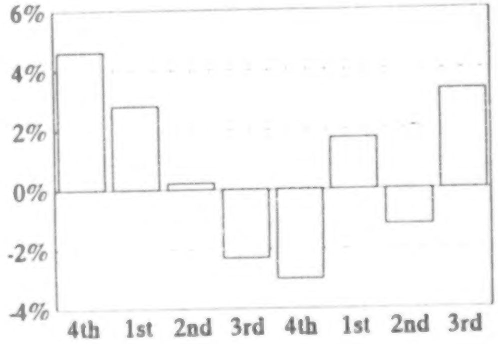
Source: Federal Reserve Board

Consumer Confidence Index
(percent change from previous month)



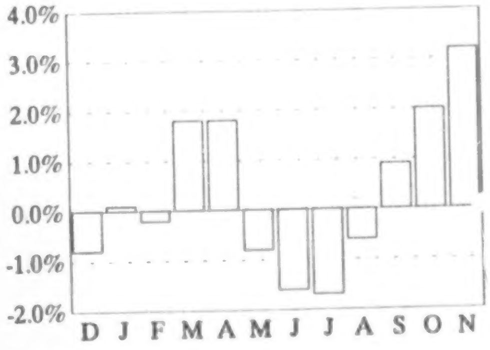
Source: Conference Board

Government Purchases
(quarter vs. previous quarter)



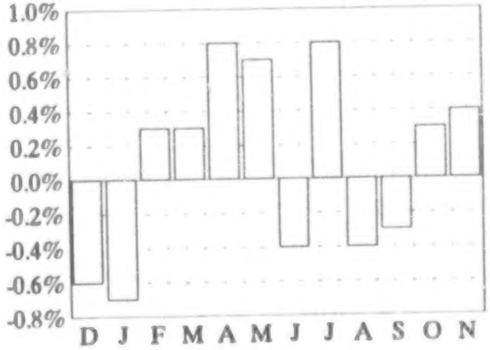
Source: Department of Commerce

Trade Weighted Dollar Index
(percent change from previous month)



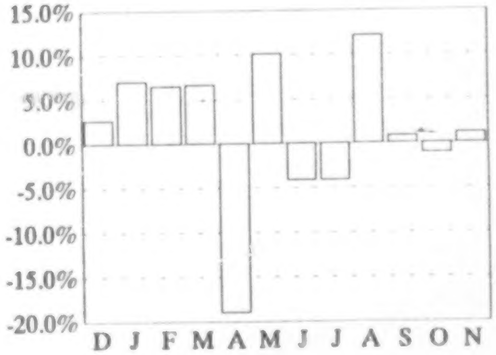
Source: Federal Reserve Bank of Atlanta

Industrial Production
(percent change from previous month)



Source: Federal Reserve Board

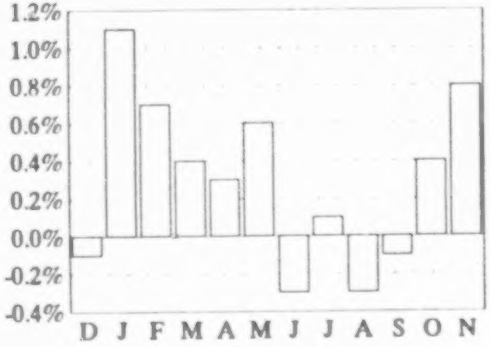
Housing Starts
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

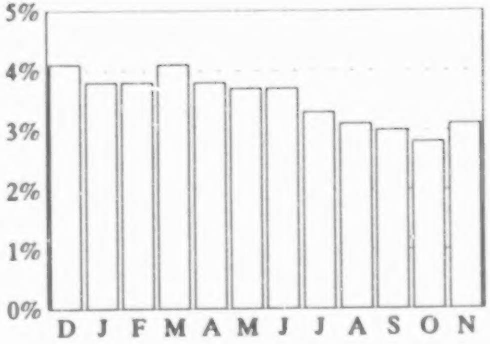
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

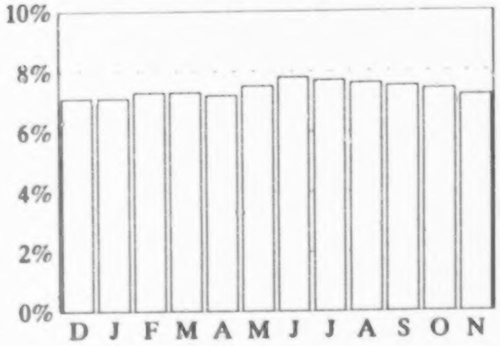
(interest rate)



Source: Conference Board

Unemployment Rate

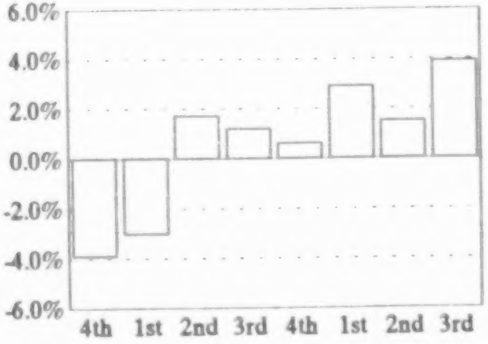
(precent of civilian laborforce)



Source: Department of Commerce

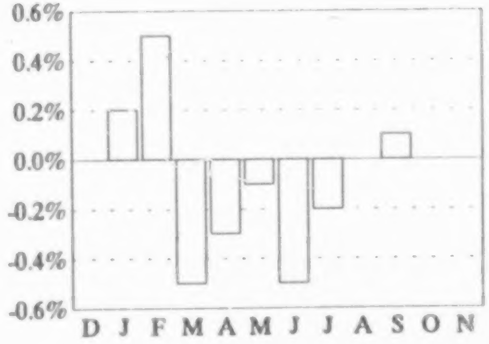
Real GDP

(quarter vs. previous quarter)



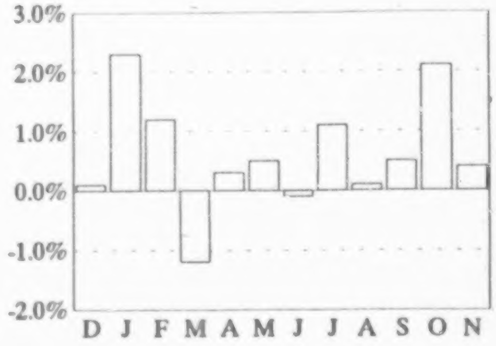
Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)



Economic Data Bank
Data as of January 1, 1992

	Current Period	Previous Period	Year Ago
	Nov-9[illegible]	Oct-92	Nov-91
Capacity Utilization (% utilized)	**78.9**	**78.5**	**78.2**
	Dec-92	Nov-92	Dec-91
Consumer Confidence (Index 1985=100)	**78.3**	**65.5**	**52.5**
	3rd Q92	2nd Q92	3rd Q91
Gross Domestic Product (billions 1987 $)	**4,939.4**	**4,892.4**	**4,831.8**
	3rd Q92	2nd Q92	3rd Q91
Gross National Product (billions 1987 $)	**4,949.0**	**4,899.1**	**4,843.7**
	3rd Q92	2nd Q92	3rd Q91
Government Purchases (billions 1987 $)	**941.8**	**934.2**	**940.2**
	Nov-92	Oct-92	Nov-91
Industrial Production (Index 1987=100)	**109.4**	**109.0**	**108.1**
	Nov-92	Oct-92	Nov-91
Housing Starts (annual rate 000's)	**1,242**	**1,229**	**1,075**
	Nov-92	Oct-92	Nov-91
Leading Economic Indicators (Index 1987=100)	**150.3**	**149.1**	**144.9**
	Dec-92	Nov-92	Dec-91
90-Day T-Bill Rate (%)	**3.16**	**3.14**	**4.60**
	Dec-92	Nov-92	Dec-91
Prime Rate (%)	**6.00**	**6.00**	**7.58**
	Nov-92	Oct-92	Nov-91
Unemployment Rate (% of labor force)	**7.2**	**7.4**	**6.9**
	Nov-92	Oct-92	Nov-91
Real Money Supply M-2 (billions 1987 $)	**2,380.9**	**2,380.2**	**2,401.1**
	Nov-92	Oct-92	Nov-91
Retail Sales (billions of dollars)	**165.8**	**165.2**	**154.0**
	Nov-92	Oct-92	Nov-91
Disposable Personal Income (billions 1987 $)	**3,638.9**	**3,602.9**	**3,513.4**
	Nov-92	Oct-92	Nov-91
Auto Sales (annual rate 000's)	**524**	**479**	**458**
	Nov-92	Oct-92	Nov-91
Personal Savings Rate (% of income)	**4.2**	**4.6**	**5.2**
	Nov-92	Oct-92	Nov-91
CPI-U All Items (Index 1982-84=100)	**142.1**	**141.8**	**137.8**
	Nov-92	Oct-92	Nov-91
PPI Finished Goods (Index 1982-84=100)	**123.8**	**124.0**	**122.2**
	Oct-92	Sep-92	Oct-91
Balance of Trade (billions of dollars)	**(7.0)**	**(8.3)**	**(5.9)**

Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,802	5,072	5,250	5,123	
						New Orders						
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,939	5,382	5,268	5,485	
						Inventories						
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
199L	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,044	8,085	8016	8005	
						Unfilled Orders						
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,068	13,378	13396	13758	

Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	2,366	2,391	2,542	2,421	2,369	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,199	3,671	3,669	3,405	
						New Orders						
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,165	3,744	3,772	3,223	
						Inventories						
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,423	7,330	7,262	7,387	
						Unfilled Orders						
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,280	12,353	12,455	12,273	

Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

Shipments

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,395	2,532	2,344	2,350	

New Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,924	2,559	1,789	2,490	

Inventories

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,813	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,111	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,728	6,624	6,401	6,293	

Unfilled Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,457	32,484	31,929	32,068	

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,963	4,813	4,640	5,209	
						New Orders						
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,028	4,808	4,633	5,070	
						Inventories						
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,485	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,993	7,950	8,124	8,167	
						Unfilled Orders						
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,649	6,644	6,638	6,499	

Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,076	2,128	2,103	2,081	
						New Orders						
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,088	2,063	2,231	2,139	
						Inventories						
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,489	4,501	4,439	4,404	
						Unfilled Orders						
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,213	5,103	5,143	5,128	

Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

Shipments

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	635	673	637	641	

New Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	746	639	754	651	

Inventories

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,414	1,420	1,422	1,426	

Unfilled Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832	1,799	1,915	1,925	

Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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U.S. Electronics Industry Summary

U.S. Factory Sales December 1992

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	25,120	24,677	1.8%	29,213	26,137	11.8%	286,755	271,233	5.7%

Electronics Foreign Trade Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	7,581	7,640	-0.8%	8,098	6,971	16.2%	80,236	70,390	14.0%
Exports	6,521	7,076	-7.8%	6,608	6,282	5.2%	70,680	66,712	5.9%
Balance	(1,060)	(564)	87.9%	(1,490)	(689)	116.3%	(9,557)	(3,678)	NA

Bilateral Trade Summary November 1992

(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	27,641	35.0%	7,405	10.8%	(20,236)
Canada	5,929	7.5%	11,827	17.2%	5,898
Singapore	7,394	9.4%	3,462	5.0%	(3,932)
Mexico	5,308	6.7%	5,233	7.6%	(75)
Taiwan	7,162	9.1%	2,949	4.3%	(4,213)
S. Korea	5,155	6.5%	2,448	3.6%	(2,707)
U.K.	2,131	2.7%	5,416	7.9%	3,285
Germany	2,311	2.9%	4,820	7.0%	2,509
Malaysia	4,939	6.2%	2,002	2.9%	(2,937)
France	986	1.2%	2,619	3.8%	1,633
Other	10,112	12.8%	20,406	29.8%	10,294

Electronics Employment Summary November 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.
PRODUCTION WORKERS	839.1	839.1	NA	839.3	868.9	-3.4%
ALL EMPLOYEES	1,774.1	1,778.8	-0.3%	1,774.9	1,871.3	-5.2%
HOURLY WAGE INDEX	NA	NA		117.2	112.7	3.9%

Electronics Producer Price Index December 1992

(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	93.8	95.4	-1.6%	93.7	0.1%

U.S. Electronics Economic Summary

- Factory sales up 1.8% from prior month, up 5.7% for all of 1992
- Seasonally adjusted imports down 0.8% from prior month, exports down 7.8%
- Imports up 14% through November, exports up 5.9%
- Total employment down 0.3% from prior month
- Production worker hourly wage index up 3.9% from prior year
- Factory price index up 0.1% from November

Electronic Components
U.S. Factory Data December 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,406	5,147	5.0%	5,205	4,591	13.4%	59,066	55,969	5.5%
New Orders	5,497	5,439	1.1%	5,316	4,768	11.5%	60,064	56,243	6.8%
Production	5,467	5,096	7.3%	5,149	4,341	18.6%	58,980	55,329	6.6%
Inventory	8,026	7,965	0.8%	7,890	7,976	-1.1%	NA	NA	
Unfilled Orders	13,779	13,688	0.7%	13,421	12,423	8.0%	NA	NA	
Book/Bill Ratio	1.02	1.06	-3.8%	1.02	1.04	-1.7%	NA	NA	
Inv/Sales Ratio	1.48	1.55	-4.1%	1.52	1.74	-12.8%	NA	NA	
Unf/Sales Ratio	2.55	2.66	-4.2%	2.58	2.71	-4.7%	NA	NA	
Prod/Sales Ratio	1.01	0.99	2.1%	0.99	0.95	4.6%	NA	NA	

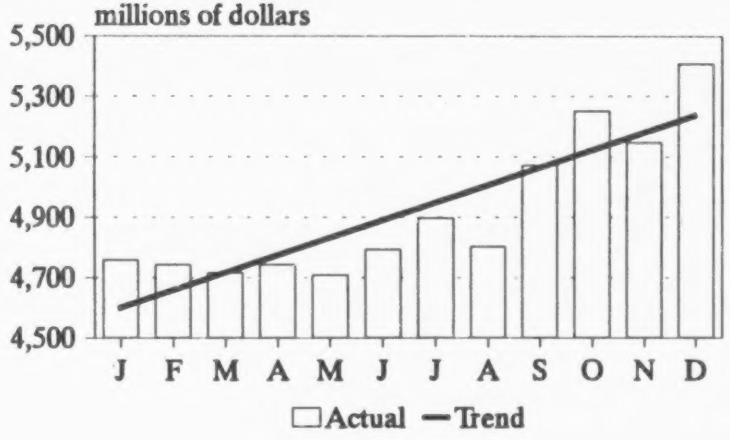
Electronic Components Economic Summary

- Factory sales up 5% from prior month, up 5.5% for all of 1992
- New orders up 1.1% from prior month, up 6.8% for all of 1992
- Inventory up 0.8% from prior month, down 1.1% from prior year
- Imports down 9.1% from prior month, exports down 5.7%
- Imports up 10.8% through November, exports up 6.7%
- Total employment down 3.2% from prior year
- Production worker hourly wage index up 3.5% from prior year
- Factory price index unchanged from prior month

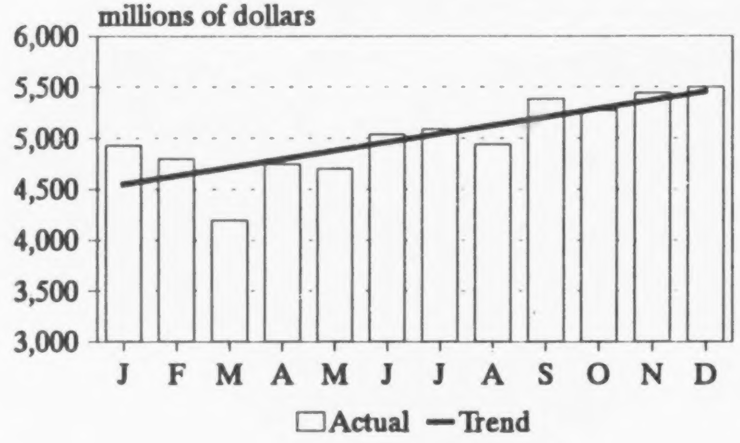
Electronics Components U.S Factory Trends December 1992

(all data seasonally adjusted)

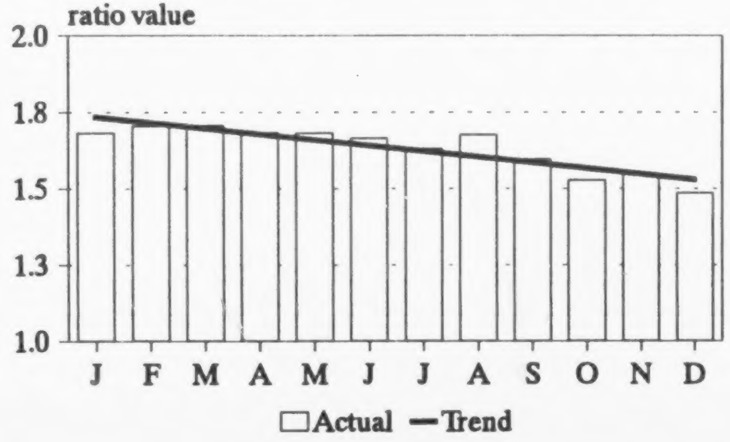
Factory Sales



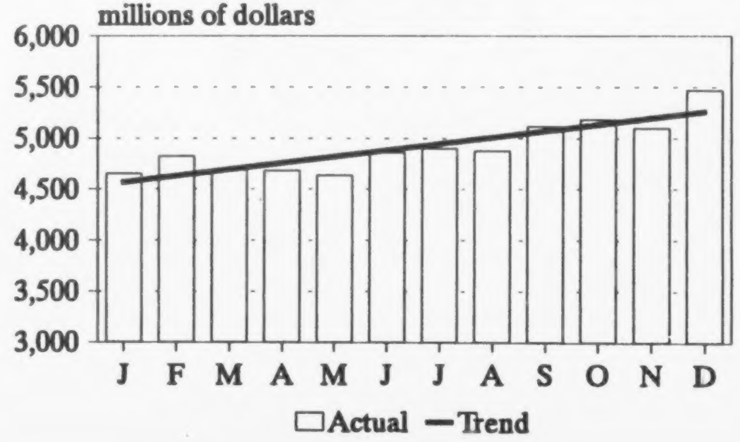
New Orders



Inventory/Sales Ratio



Production



Electronic Components Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	45	48	-6.3%	50	53	-5.7%	573	504	13.7%
Passive Components	761	803	-5.2%	759	736	3.1%	8,104	8,073	0.4%
Solid State Products	1,280	1,444	-11.4%	1,270	1,098	15.7%	14,115	12,002	17.6%
Total Components	2,086	2,295	-9.1%	2,079	1,887	10.2%	22,792	20,579	10.8%
EXPORTS									
Electron Tubes	56	67	-16.4%	58	56	3.6%	642	608	5.7%
Passive Components	495	517	-4.3%	488	494	-1.2%	5,259	5,346	-1.6%
Solid State Products	1,413	1,498	-5.7%	1,419	1,242	14.3%	14,778	13,428	10.0%
Total Components	1,964	2,082	-5.7%	1,965	1,792	9.7%	20,679	19,382	6.7%
BALANCE									
Electron Tubes	11	19	NA	8	3	166.7%	69	103	-33.2%
Passive Components	(266)	(286)	-7.0%	(271)	(242)	12.0%	(2,844)	(2,727)	4.3%
Solid State Products	133	54	NA	149	144	3.5%	663	1,427	-53.5%
Total Components	(122)	(213)	-42.7%	(114)	(95)	20.0%	(2,112)	(1,197)	76.5%

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	6,349,636	27.9%	Canada	4,226,105	20.4%
Canada	2,428,258	10.7%	Mexico	2,077,550	10.0%
Mexico	2,243,911	9.8%	Japan	1,685,560	8.2%
Malaysia	2,007,163	8.8%	Singapore	1,667,697	8.1%
S. Korea	2,000,578	8.8%	Malaysia	1,573,458	7.6%
Taiwan	1,876,736	8.2%	Taiwan	1,479,673	7.2%
Singapore	1,553,425	6.8%	U.K.	1,298,132	6.3%
Philippines	753,315	3.3%	Hong Kong	1,006,604	4.9%
Hong Kong	613,075	2.7%	S. Korea	993,119	4.8%
Germany	602,353	2.6%	Philippines	621,217	3.0%
Other	2,365,547	10.4%	Other	4,052,400	19.6%

Import/Export Product Summary November 1992

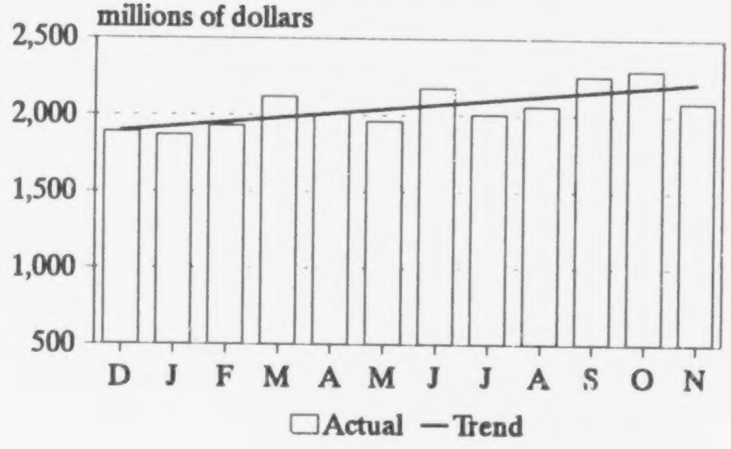
(not seasonally adj thousands of dollars)

		Month			Year-to-Date	
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	34,493	43,718	9,225	413,640	442,239	28,599
Receiving Tubes	172	489	317	2,775	5,865	3,090
Power and Special Purpose Tubes	15,225	14,265	(960)	157,530	194,722	37,192
Capacitors	53,902	47,254	(6,647)	557,244	540,516	(16,727)
Resistors	35,594	20,663	(14,930)	359,805	200,580	(159,225)
Relays	40,251	27,582	(12,669)	407,430	309,514	(97,916)
Connectors	47,066	33,003	(14,063)	487,018	345,601	(141,417)
Electronic Wire	82,358	93,989	11,631	889,061	967,045	77,984
Transformers	13,887	3,243	(10,644)	132,948	36,490	(96,457)
Power Supplies	93,910	15,729	(78,181)	954,203	138,338	(815,864)
Printed Circuits and Boards	97,578	90,291	(7,287)	1,157,209	1,071,903	(85,307)
Parts of TV/Audio Apparatus	206,674	120,765	(85,910)	2,230,026	1,287,927	(942,098)
Indicator Panels	30,018	5,829	(24,189)	344,234	48,339	(295,895)
Switches	13,925	2,215	(11,710)	156,589	26,065	(130,523)
Piezoelectric Crystals	17,264	4,050	(13,214)	156,573	44,988	(111,585)
Other Parts	26,850	23,137	(3,712)	272,626	241,808	(30,818)
Integrated Circuits						
EPROMs	56,656	22,887	(33,768)	560,970	251,089	(309,881)
Microprocessors	98,573	192,434	93,860	937,602	1,384,576	446,974
DRAMs	189,703	100,903	(88,800)	3,130,962	1,298,349	(1,832,613)
SRAMs	54,910	23,908	(31,002)	601,594	256,880	(344,713)
Analog	108,895	61,748	(47,147)	1,176,357	653,236	(523,120)
Other	467,385	309,089	(158,296)	4,818,655	3,233,104	(1,585,551)
Diodes	34,029	13,053	(20,976)	347,203	163,984	(183,219)
Transistors	47,815	4,287	(43,528)	502,144	59,822	(442,322)
Chips, Wafers, and Parts all Types	178,620	668,089	489,469	1,726,791	7,252,051	5,525,260
Other Semiconductor Devices	31,566	19,634	(11,931)	297,340	183,279	(114,061)
Solar Cells	2,072	3,204	1,132	15,469	43,202	27,733
Total	2.079.391	1,965,461	(113,930)	22,793,997	20,681,515	(2,112,482)

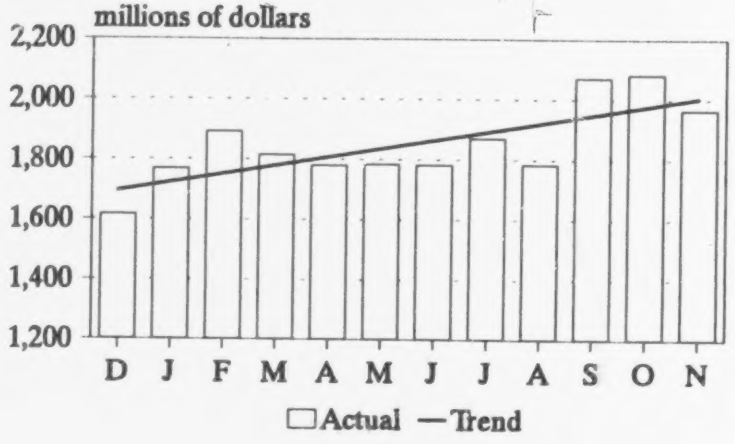
Electronic Components Trade Trends November 1992

(all data seasonally adjusted)

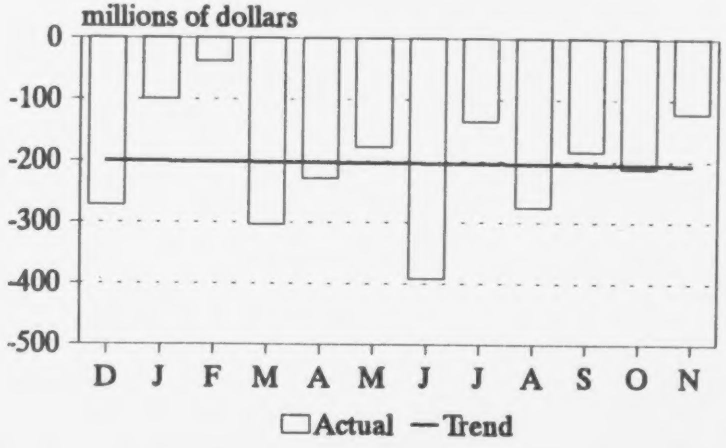
Imports



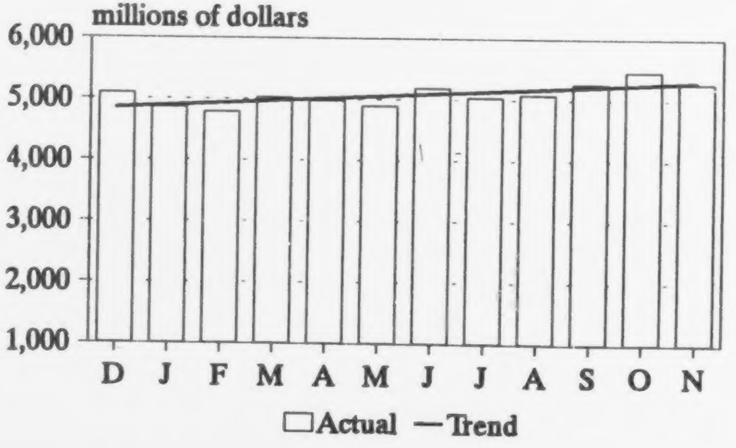
Exports



Balance of Trade



Consumption



Electronic Component Employment November 1992

(thousands of workers)

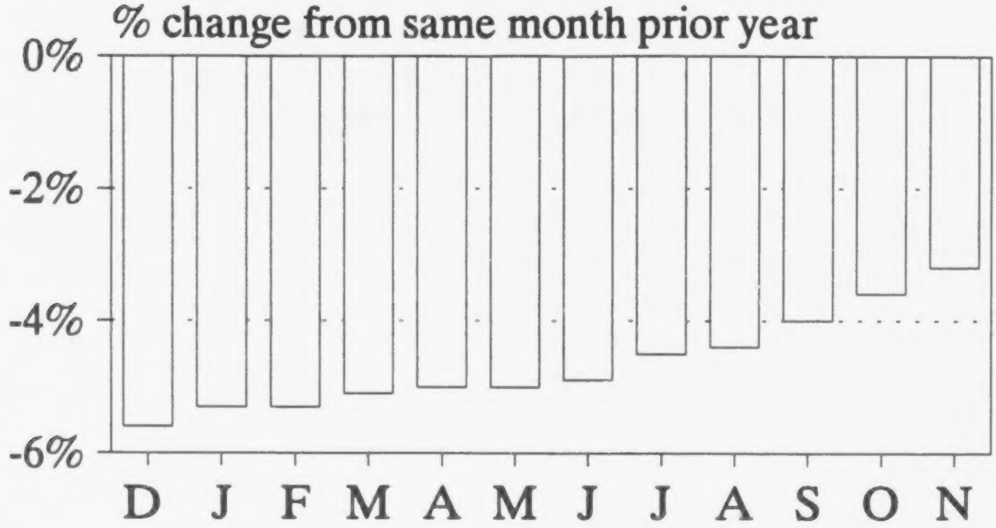
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	345.1	347.5	-0.7%	344.4	0.2%
Electron Tubes	17.5	18.5	-5.4%	16.9	3.6%
Semiconductors	92.7	89.9	3.1%	92.6	0.1%
Other	234.9	239.1	-1.8%	234.9	NA
ALL EMPLOYEES	590.6	609.9	-3.2%	590.1	0.1%
Electron Tubes	25.8	27.7	-6.9%	25.3	2.0%
Semiconductors	221.4	229.9	-3.7%	221.8	-0.2%
Other	343.4	352.3	-2.5%	343.0	0.1%
HOURLY WAGE INDEX	118.0	114.0	3.5%	119.3	-1.1%
ANNUAL SALES/EMP	$98,027	$89,103	10.0%	$97,195	0.9%

Electronic Component Producer Price Indices December 1992

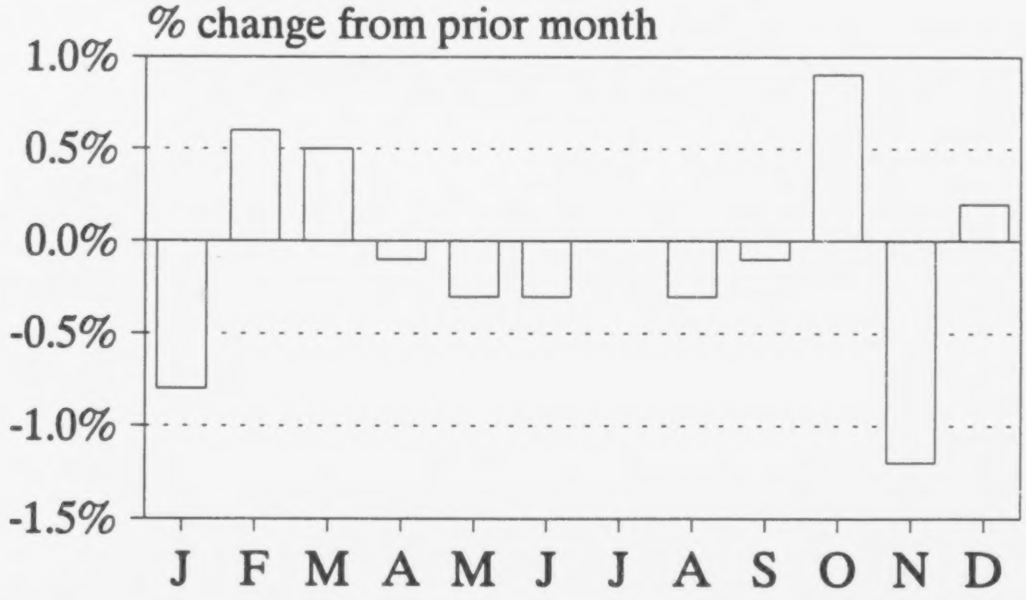
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	98.8	99.5	-0.8%	98.6	0.2%
CRTs	98.2	98.5	-0.3%	98.2	NA
Capacitors	97.1	103.6	-6.2%	100.5	-3.4%
Resistors	99.5	96.5	3.2%	102.8	-3.3%
Relays	111.7	101.6	9.9%	111.7	NA
Switches	103.2	101.8	1.4%	103.2	0.1%
Connectors	107.5	105.8	1.7%	107.5	NA
Filters	105.6	103.9	1.6%	105.6	NA
Antennae	89.1	88.9	0.2%	89.3	-0.2%
Diodes	98.5	99.3	-0.8%	97.8	0.7%
Transistors	101.6	98.0	3.7%	97.7	4.0%
Semiconductors	94.2	96.9	-2.8%	94.1	0.2%
Printed Circuits	99.0	99.6	-0.5%	99.0	NA
Electronic Wire	99.8	99.7	0.1%	99.2	0.6%

Electronic Components
All Employees November 1992



Electronic Components
Composite Price Index December 1992



Domestically-Produced Consumer Electronics
U.S. Factory Data December 1992
(millions of dollars)

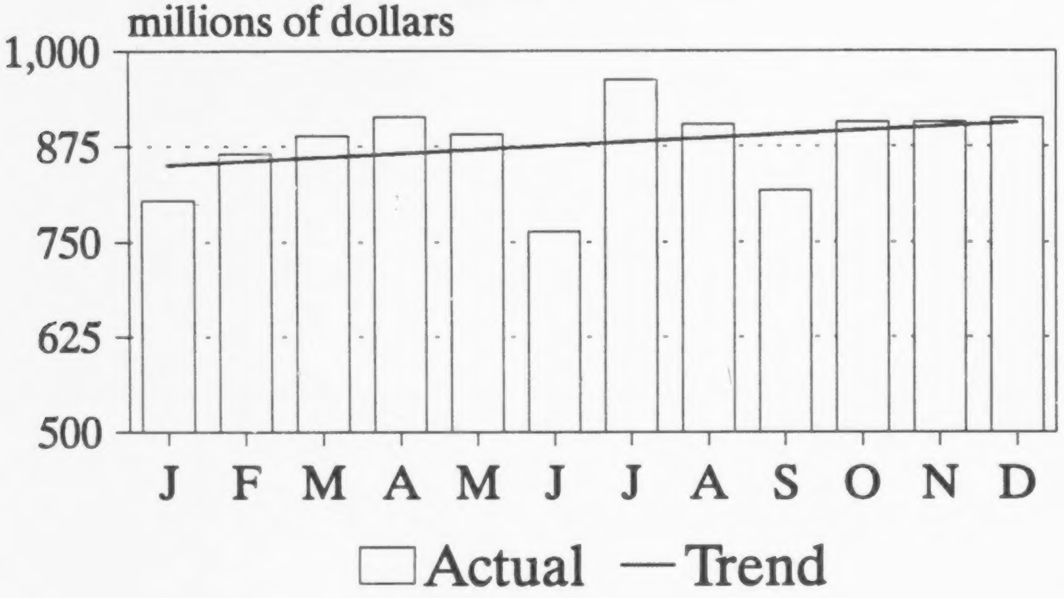
	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	912	907	0.5%	878	793	10.7%	10,147	9,097	11.5%
Inventory	1,339	1,372	-2.4%	1,290	1,329	-2.9%	NA	NA	
Inv/Sales Ratio	1.47	1.51	-3.0%	1.47	1.68	-12.3%	NA	NA	

Total Consumer Electronics Sales Including Imports
December 1992
(not seasonally adjusted millions of dollars)

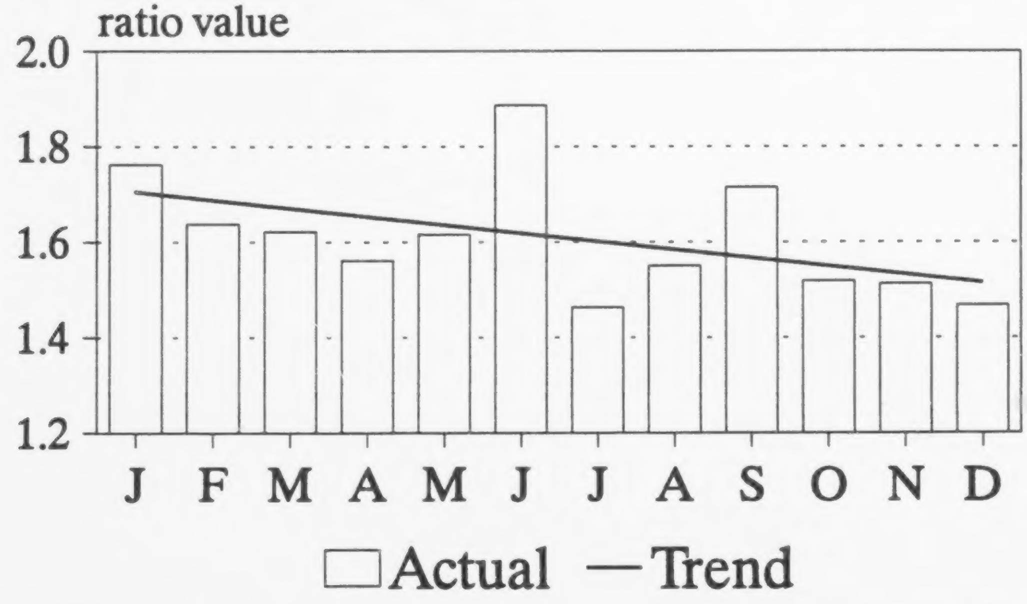
	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
VIDEO PRODUCTS	1,328	1,463	-9.2%	12,745	11,862	7.4%
Color TVs	753	773	-2.6%	7,008	6,440	8.8%
VCR Decks	289	327	-11.4%	2,928	2,455	19.3%
Camcorders	174	246	-29.2%	1,786	2,001	-10.7%
Other	111	118	-5.3%	1,023	966	5.9%
AUDIO PRODUCTS	703	646	8.7%	9,834	9,267	6.1%
Portable	182	165	10.6%	2,420	2,090	15.8%
Home Components	134	134	0.4%	1,587	1,805	-12.1%
Autosound	273	248	10.1%	4,457	4,108	8.5%
Audio Systems	114	100	13.5%	1,371	1,264	8.4%
HOME INFORMATION EQUIPMENT	899	814	10.4%	10,858	10,059	7.9%
BLANK MEDIA AND ACCESSORIES	347	343	1.2%	4,082	4,001	2.0%
TOTAL	3,277	3,267	0.3%	37,519	35,189	6.6%

Domestically Produced Consumer Electronics U.S. Factory Trends December 1992

Factory Sales



Inventory/Sales



Consumer Electronics Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,223	1,196	2.3%	1,649	1,628	1.3%	14,983	13,398	11.8%
Exports	248	249	-0.4%	277	272	1.8%	2,798	2,415	15.9%
Balance	(975)	(947)	3.0%	(1,372)	(1,356)	1.2%	(12,184)	(10,983)	10.9%

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	6,885,008	46.0%	Canada	718,448	25.7%
Malaysia	1,533,706	10.2%	Mexico	445,425	15.9%
Mexico	1,495,696	10.0%	Japan	234,568	8.4%
S. Korea	1,487,753	9.9%	Taiwan	126,206	4.5%
China	1,103,548	7.4%	Germany	118,567	4.2%
Taiwan	635,954	4.2%	U.K.	105,429	3.8%
Singapore	620,468	4.1%	Netherlands	90,301	3.2%
Thailand	533,042	3.6%	Argentina	87,648	3.1%
Indonesia	151,183	1.0%	Venezuela	78,943	2.8%
Hong Kong	135,618	0.9%	Hong Kong	74,331	2.7%
Other	399,937	2.7%	Other	718,140	25.7%

Import/Export Product Summary November 1992

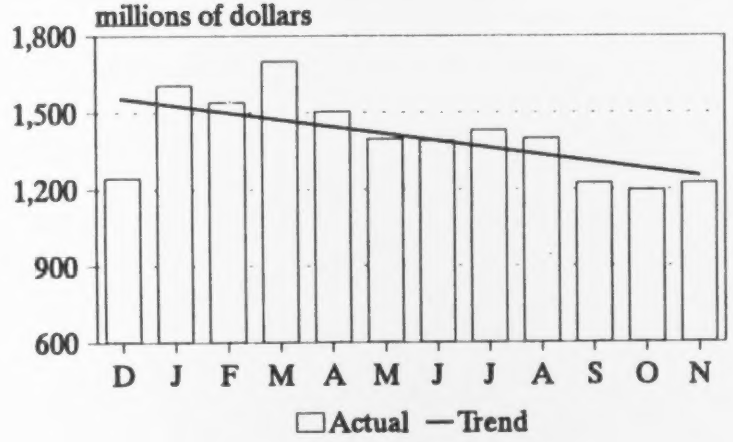
(not seasonally adj thousands of dollars)

		Month			Year-to-Date	
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	218,858	51,590	(167,267)	1,827,177	473,218	(1,353,960)
Monochrome TV Receivers	10,838	4,150	(6,689)	95,494	53,401	(42,093)
VCR Decks	294,167	13,660	(280,506)	2,872,851	187,934	(2,684,917)
Camcorders	146,319	0	(146,319)	1,384,583	0	(1,384,583)
Videocassette Players	11,222	0	(11,222)	107,969	0	(107,969)
Laserdisc Players	25,715	6,191	(19,524)	176,691	65,467	(111,224)
Portable Audio Equipment	71,900	7,722	(64,178)	1,135,749	88,424	(1,047,325)
Separate Audio Components	241,218	99,197	(142,021)	2,529,272	954,612	(1,574,660)
Home Radios	18,495	599	(17,896)	152,204	5,292	(146,912)
Home Radio/Tape Combinations	137,474	4,818	(132,656)	1,115,925	44,031	(1,071,894)
Autosound Equipment	122,622	25,527	(97,095)	1,265,085	266,342	(998,743)
Blank Media	69,145	30,826	(38,319)	718,169	385,372	(332,797)
Video Games	281,127	33,170	(247,958)	1,600,742	273,913	(1,326,830)
Total	1,649,100	277,451	(1,371,649)	14,981,913	2,798,006	(12,183,907)

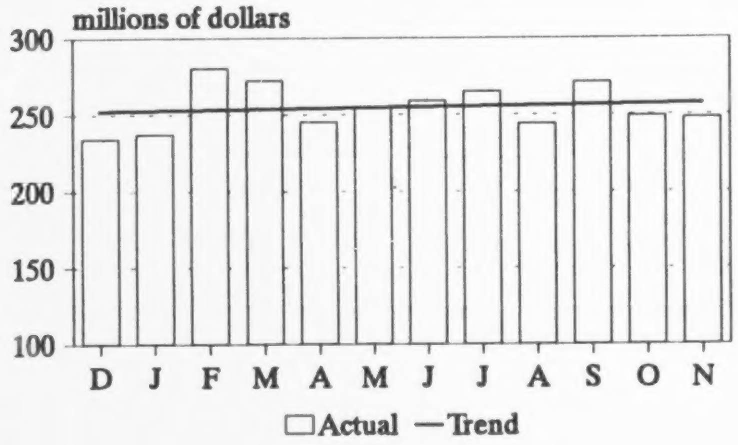
Consumer Electronics Trade Trends November 1992

(all data seasonally adjusted)

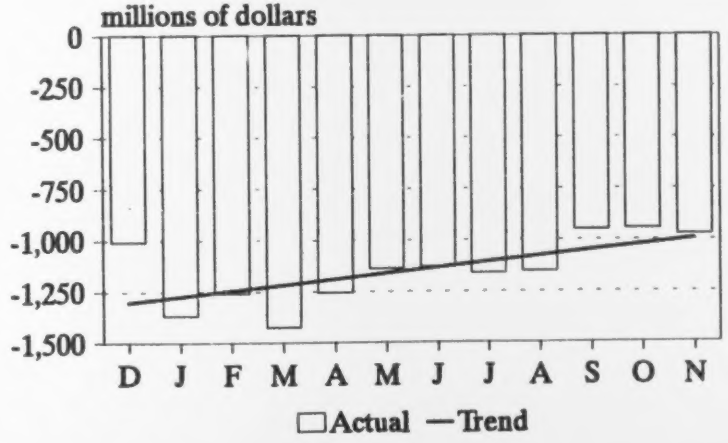
Imports



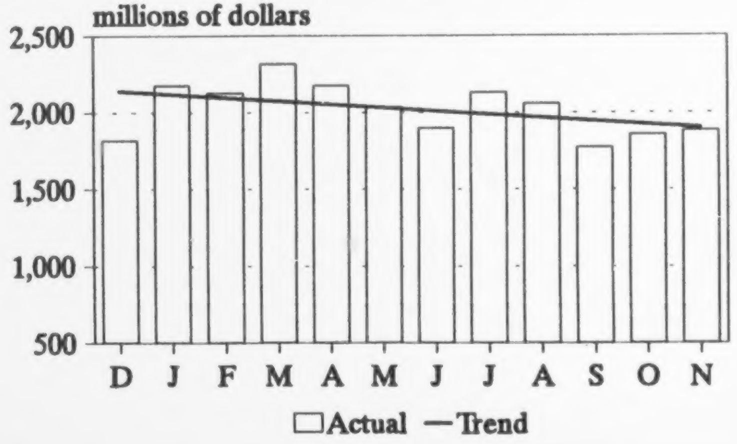
Exports



Balance of Trade



Consumption



Consumer Electronics Employment November 1992

(thousands of workers)

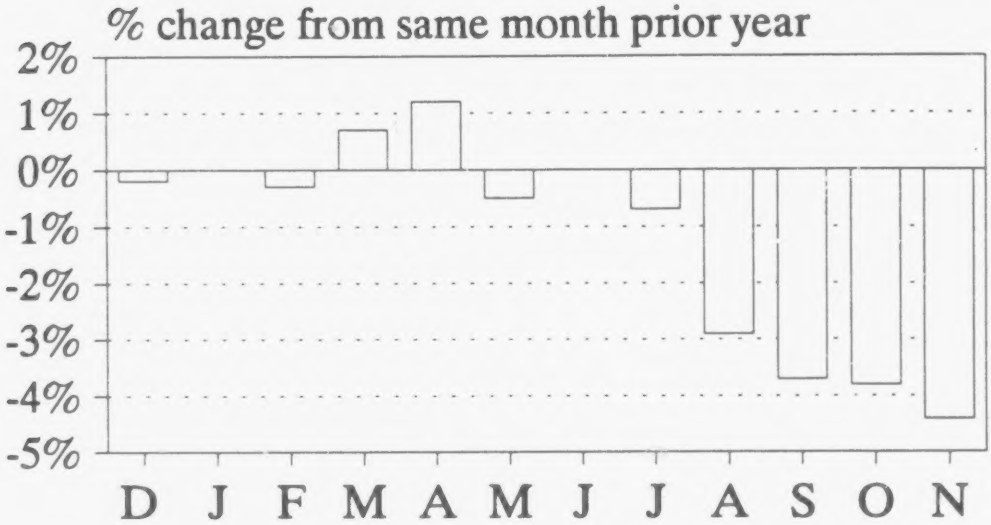
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	38.6	41.6	-7.2%	39.3	-1.8%
ALL EMPLOYEES	60.5	63.3	-4.4%	60.8	-0.5%
HOURLY WAGE INDEX	116.6	115.9	0.6%	114.3	2.0%
ANNUAL SALES/EMP	$171,546	$144,893	18.4%	$169,035	1.5%

Consumer Electronics Producer Price Indices December 1992

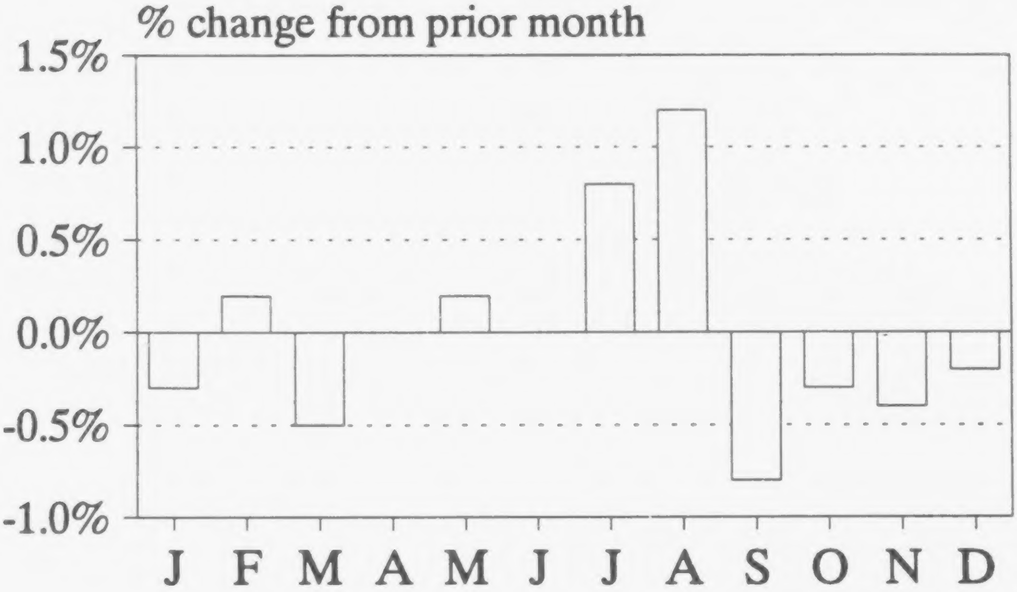
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	94.5	94.7	-0.2%	94.7	-0.2%
Home Audio	85.4	86.8	-1.6%	85.4	NA
Portable Audio	90.7	103.4	-12.3%	89.9	0.9%
Autosound	92.5	88.6	4.4%	94.3	-1.9%
Audio Systems	95.3	89.5	6.5%	97.6	-2.4%
Color TV	95.3	98.3	-3.1%	95.4	-0.1%
Projection TV	98.6	98.2	0.4%	96.8	1.9%
VCR Decks	101.4	94.9	6.8%	99.6	1.8%
Camcorders	88.1	92.7	-5.0%	87.3	0.9%

Consumer Electronics
All Employees November 1992



Consumer Electronics
Composite Price Index December 1992



Telecommunications Equipment
U.S. Factory Data December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	3,744	3,380	10.8%	4,567	3,752	21.7%	40,021	35,191	13.7%
New Orders	3,958	3,205	23.5%	4,686	3,957	18.4%	40,194	33,508	20.0%
Production	3,918	3,535	10.8%	4,666	3,766	23.9%	40,352	35,742	12.9%
Inventory	7,592	7,417	2.3%	7,532	7,200	4.6%	NA	NA	
Unfilled Orders	12,494	12,281	1.7%	12,448	12,275	1.4%	NA	NA	
Book/Bill Ratio	1.06	0.95	11.5%	1.03	1.05	-2.7%	NA	NA	
Inv/Sales Ratio	2.03	2.19	-7.6%	1.65	1.92	-14.1%	NA	NA	
Unf/Sales Ratio	3.34	3.63	-8.2%	2.73	3.27	-16.7%	NA	NA	
Prod/Sales Ratio	1.05	1.05	0.1%	1.02	1.00	1.8%	NA	NA	

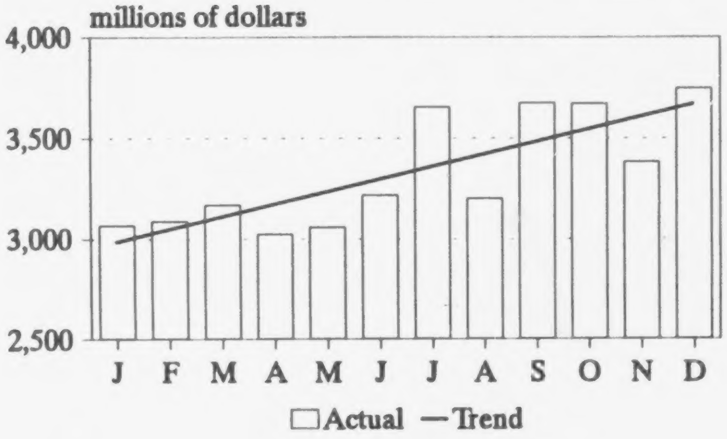
Telecommunications Economic Summary

- Factory sales up 10.8% from prior month, up 13.7% for all of 1992
- New orders up 23.5% from prior month, up 20% for all of 1992
- Inventory up 2.3% from prior month, up 4.6% from prior year
- Imports down 5.6% from prior month, exports down 27.7%
- Imports up 13.6% through November, exports up 15.9%
- Total employment down 4.5% from prior year
- Production worker hourly wage index down 0.7% from prior year
- Factory price index up 0.2% from prior month

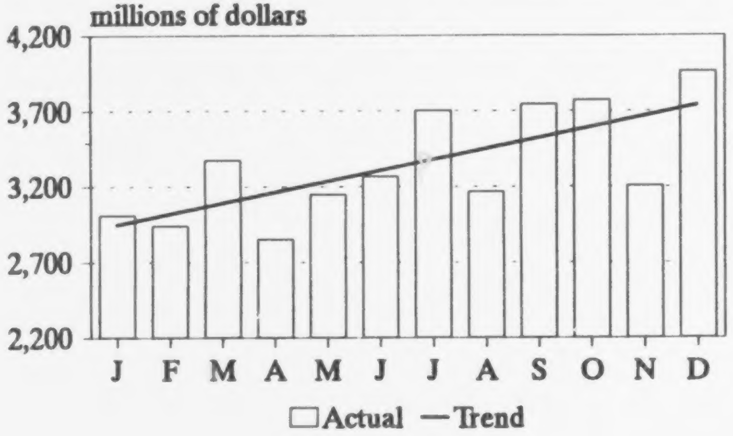
Telecommunications Equipment U.S Factory Trends December 1992

(all data seasonally adjusted)

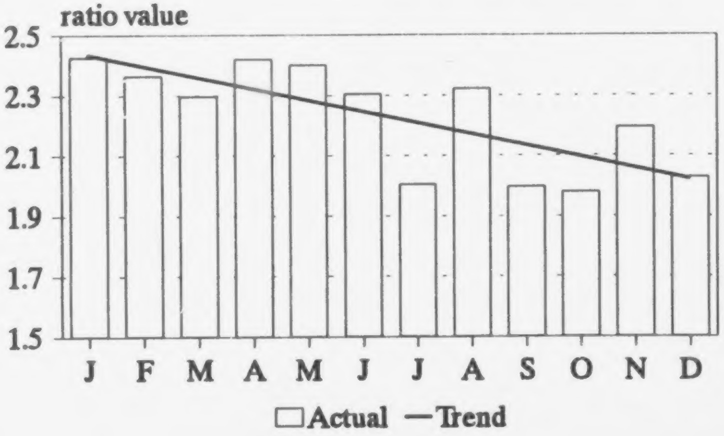
Factory Sales



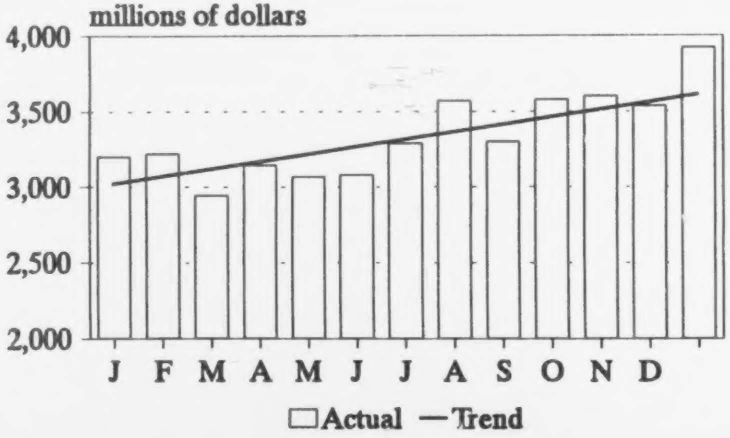
New Orders



Inventory/Sales Ratio



Production



Telecommunications Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	696	737	-5.6%	737	663	11.2%	7,504	6,607	13.6%
Exports	727	1,006	-27.7%	709	619	14.5%	7,703	6,647	15.9%
Balance	31	269	-88.5%	(28)	(44)	-36.4%	199	40	NA

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	2,648,322	35.3%	Canada	1,231,978	16.0%
Canada	878,857	11.7%	Mexico	1,015,961	13.2%
Malaysia	586,583	7.8%	Japan	561,932	7.3%
Taiwan	542,196	7.2%	U.K.	465,176	6.0%
China	521,591	7.0%	Germany	380,307	4.9%
Mexico	376,895	5.0%	Taiwan	307,290	4.0%
Korea	317,757	4.2%	S. Korea	291,417	3.8%
Thailand	270,419	3.6%	China	281,342	3.7%
Singapore	250,168	3.3%	Australia	236,011	3.1%
Philippines	221,283	2.9%	Italy	190,568	2.5%
Other	889,048	11.8%	Other	2,740,218	35.6%

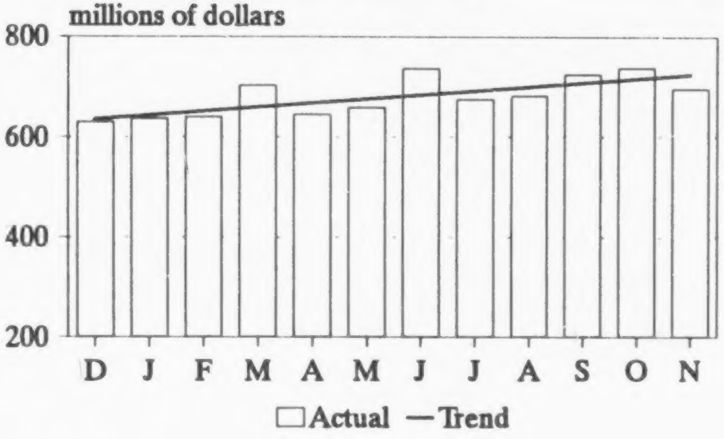
Import/Export Product Summary November 1992

(not seasonally adj thousands of dollars)

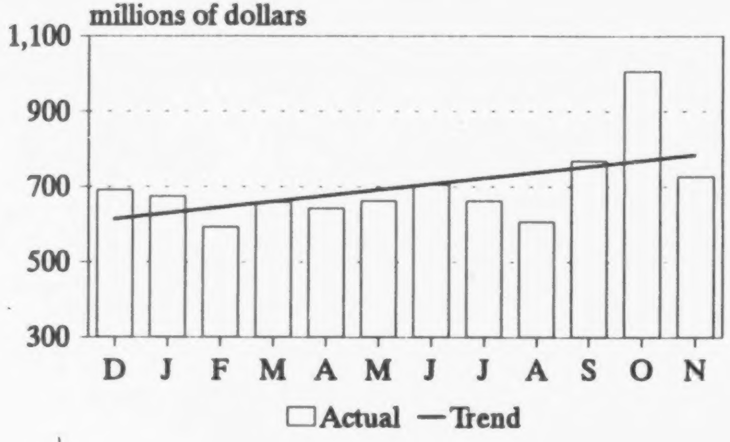
		Month			Year-to-Date	
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	92,749	21,892	(70,857)	966,855	212,400	(754,455)
Telephonic Apparatus and Parts	110,575	165,897	55,323	1,072,756	1,698,622	625,866
Telegraphic Apparatus and Parts	30,440	67,707	37,267	498,192	732,829	234,637
Radio Transmitters	4,848	28,046	23,198	55,075	291,107	236,031
Radio Receivers	18,441	19,160	718	195,397	230,886	35,490
Radio Transceivers	53,172	81,295	28,123	562,083	856,527	294,444
Telephone Answering Devices	28,521	13,387	(15,134)	283,987	126,903	(157,084)
TV Transmission/Reception App.	135,878	140,797	4,919	1,388,684	1,898,260	509,576
Cellular Telephones	40,693	75,392	34,699	362,300	700,772	338,472
Facsimile Machines	86,177	0	(86,177)	884,911	0	(884,911)
Cordless Telephones	103,080	10,949	(92,131)	874,855	122,889	(751,966)
Modems	11,396	36,531	25,135	145,152	346,717	201,565
Paging Alert Devices	221	9	(213)	3,179	819	(2,360)
Fiber Optic Cable	7,259	14,582	7,323	57,312	152,155	94,844
Other Cable and Parts	13,259	33,084	19,826	152,381	331,313	178,932
Total	736,711	708,729	(27,982)	7,503,119	7,702,200	199,081

Telecommunications Trade Trends November 1992

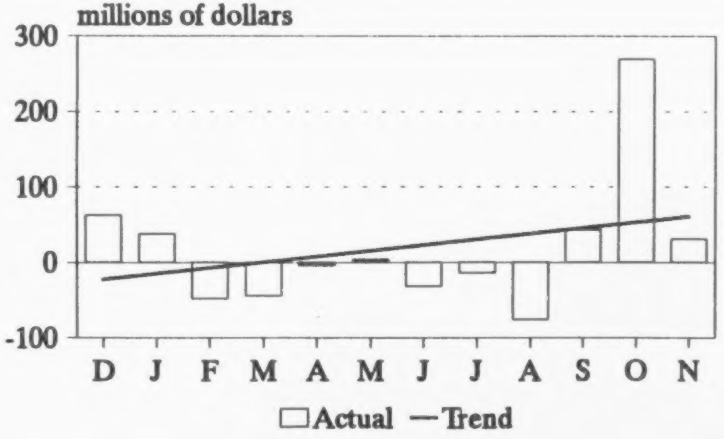
(all data seasonally adjusted)



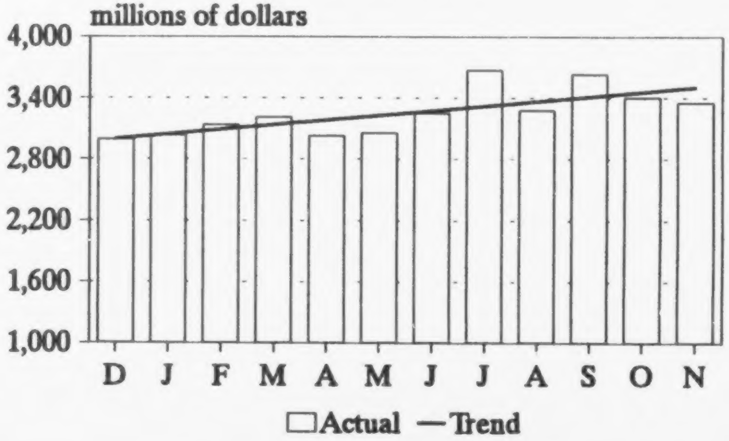
Imports



Exports



Balance of Trade



Consumption

Telecommunications Equipment Employment November 1992

(thousands of workers)

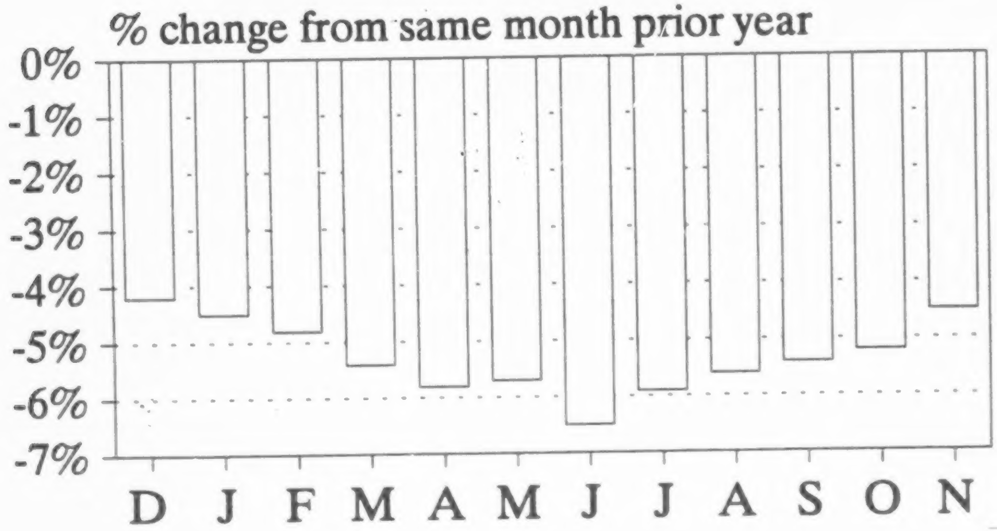
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	121.5	124.3	-2.3%	121.1	0.3%
Telephone Equip.	62.4	62.9	-0.8%	62.2	0.3%
Other	59.1	61.4	-3.7%	58.9	0.3%
ALL EMPLOYEES	236.2	247.4	-4.5%	236.2	NA
Telephone Equip.	112.1	116.4	-3.7%	111.9	0.2%
Other	124.1	131.0	-5.3%	124.3	-0.2%
HOURLY WAGE INDEX	108.1	108.9	-0.7%	109.7	-1.5%
ANNUAL SALES/EMP	$125,079	$106,085	17.9%	$123,659	1.1%

Telecommunications Equipment Producer Price Indices December 1992

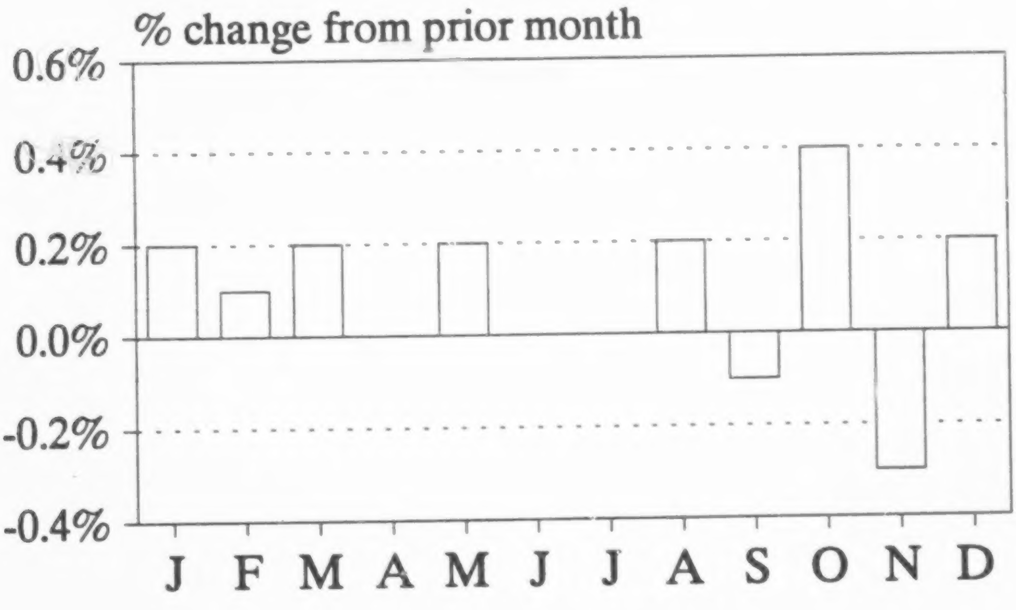
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	103.7	102.5	1.2%	103.5	0.2%
Line Transmission	98.6	98.1	0.5%	98.6	NA
Switching Equipment	103.8	103.7	0.1%	103.8	NA
Telephone Sets	94.0	95.0	-1.0%	94.0	NA
Other Telephone	104.1	101.9	2.2%	102.2	1.9%
Broadcast Equipment	103.5	102.1	1.3%	103.7	-0.2%
Mobile Communications	105.7	103.5	2.1%	105.5	0.2%
Intercom Systems	101.7	101.3	0.4%	101.4	0.3%
Fiber Optic Cable	104.7	104.0	0.7%	104.7	NA

Telecommunications All Employees November 1992



Telecommunications Composite Price Index December 1992



Other Specialized Communications
U.S. Factory Data December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,309	2,384	-3.1%	2,912	3,076	-5.3%	29,699	32,230	-7.9%
New Orders	2,879	2,555	12.7%	4,109	2,615	57.1%	27,346	28,843	-5.2%
Production	2,294	2,276	0.8%	2,642	2,856	-7.5%	28,435	31,434	-9.5%
Inventory	6,278	6,294	-0.2%	6,012	7,275	-17.4%	NA	NA	
Unfilled Orders	32,670	32,100	1.8%	33,157	35,510	-6.6%	NA	NA	
Book/Bill Ratio	1.25	1.07	16.3%	1.41	0.85	66.0%	NA	NA	
Inv/Sales Ratio	2.72	2.64	3.0%	2.06	2.37	-12.7%	NA	NA	
Unf/Sales Ratio	14.15	13.47	5.1%	11.39	11.55	-1.4%	NA	NA	
Prod/Sales Ratio	0.99	0.95	4.0%	0.91	0.93	-2.3%	NA	NA	

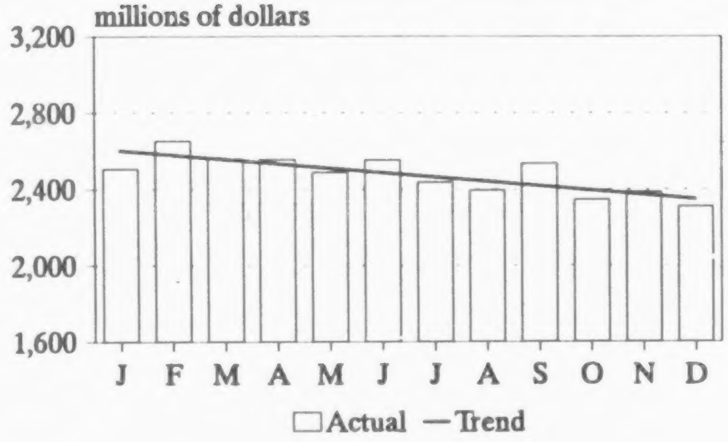
Other Specialized Communications Economic Summary

- Factory sales down 3.1% from prior month, down 7.9% for all of 1992
- New orders up 12.7% from prior month, down 5.2% for all of 1992
- Inventory down 0.2% from prior month, down 17.4% from prior year
- Imports down 21.8% from prior month, exports down 24%
- Imports up 7.2% through November, exports down 2.3%
- Total employment down 11.2% from prior year
- Production worker hourly wage index up 4.2% from prior year
- Factory price index up 0.2% from prior month

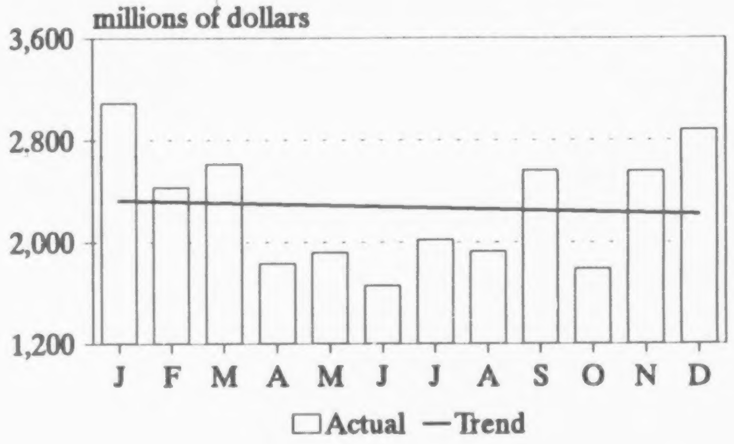
Other Communications U.S Factory Trends December 1992

(all data seasonally adjusted)

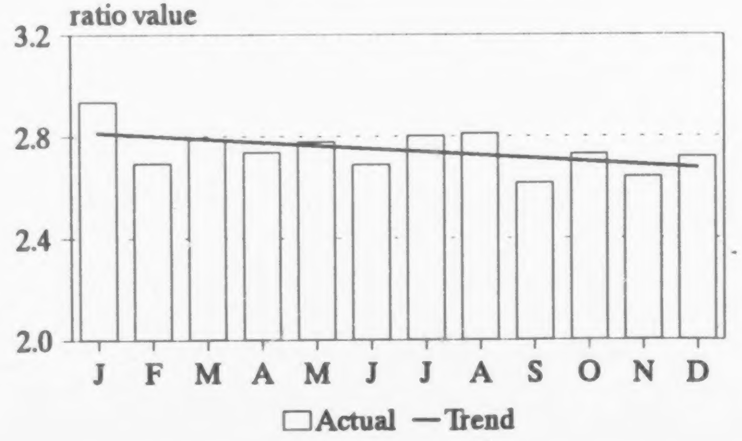
Factory Sales



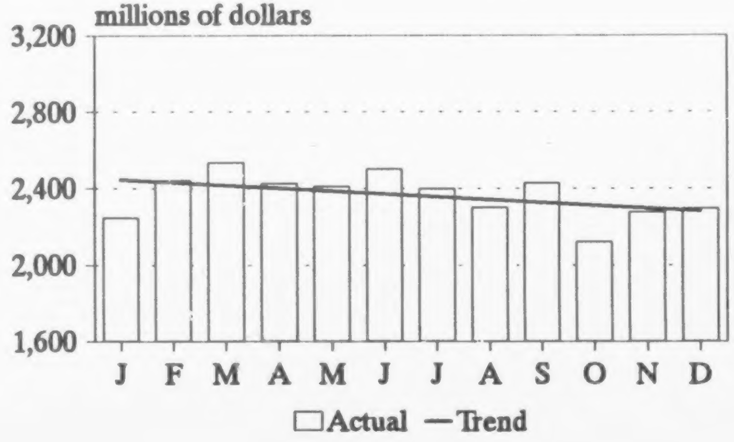
New Orders



Inventory/Sales Ratio



Production



Other Specialized Communications Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	86	110	-21.8%	89	92	-3.3%	1,025	956	7.2%
Exports	184	242	-24.0%	188	213	-11.7%	2,293	2,346	-2.3%
Balance	98	132	-25.8%	99	121	-18.2%	1,269	1,391	-8.8%

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	193,017	19.0%	Japan	282,243	12.3%
U.K.	119,056	11.7%	Canada	247,001	10.8%
Japan	118,468	11.6%	U.K.	184,213	8.0%
France	112,964	11.1%	France	174,168	7.6%
Taiwan	102,892	10.1%	Netherlands	133,956	5.8%
Mexico	92,269	9.1%	Egypt	124,081	5.4%
Germany	52,040	5.1%	Taiwan	116,863	5.1%
China	48,667	4.8%	Germany	92,466	4.0%
S. Korea	39,437	3.9%	Israel	87,441	3.8%
Israel	39,261	3.9%	S. Korea	68,724	3.0%
Other	98,866	9.7%	Other	781,595	34.1%

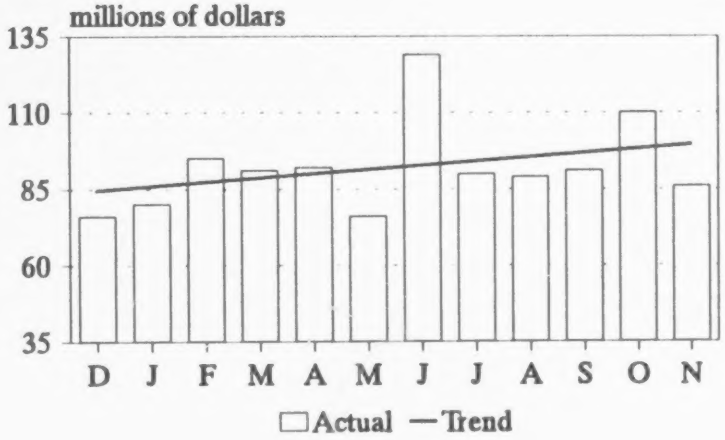
Import/Export Product Summary November 1992

(not seasonally adj thousands of dollars)

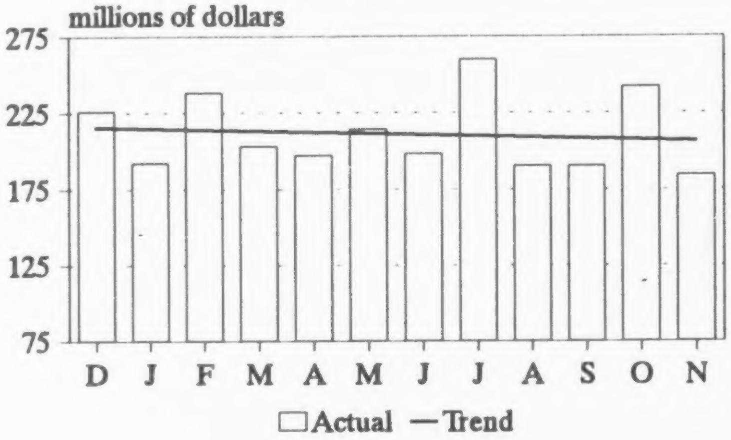
	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors and Other Alarms	29,099	15,254	(13,845)	239,437	163,460	(75,977)
Sound/Sight Signaling Apparatus	1,879	4,544	2,665	13,754	57,384	43,629
Radar/Radio Navigational Equipment	57,755	166,410	108,655	752,941	2,053,447	1,300,506
Meteorological/Geophysical Instr	532	1,758	1,226	10,805	18,460	7,655
Total	89,265	187,967	98,701	1,016,937	2,292,751	1,275,813

Other Communications Trade Trends November 1992

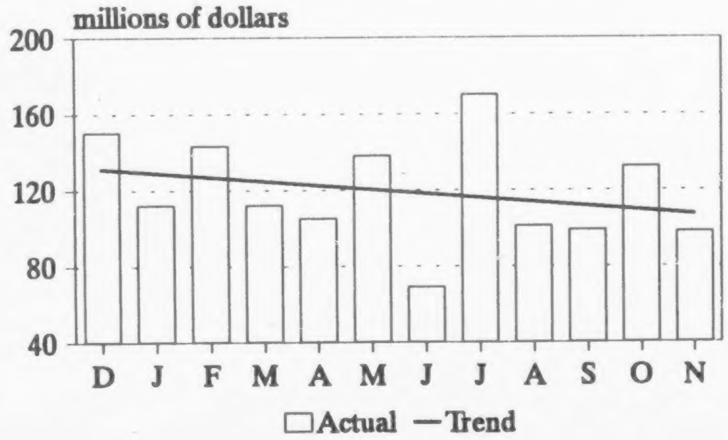
(all data seasonally adjusted)



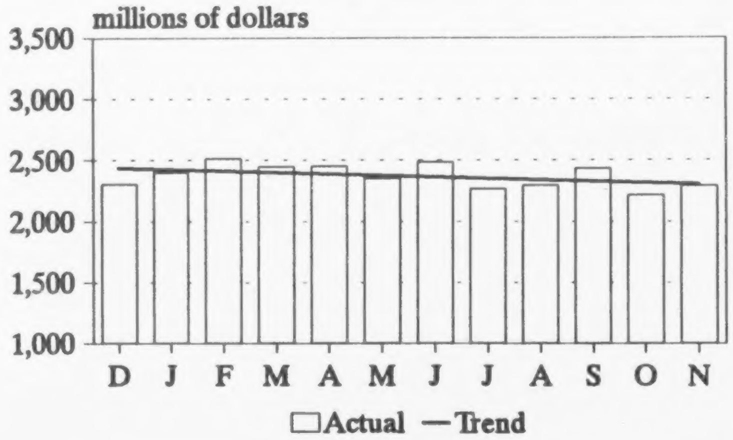
Imports



Exports



Balance of Trade



Consumption

Other Specialized Communications Employment November 1992

(thousands of workers)

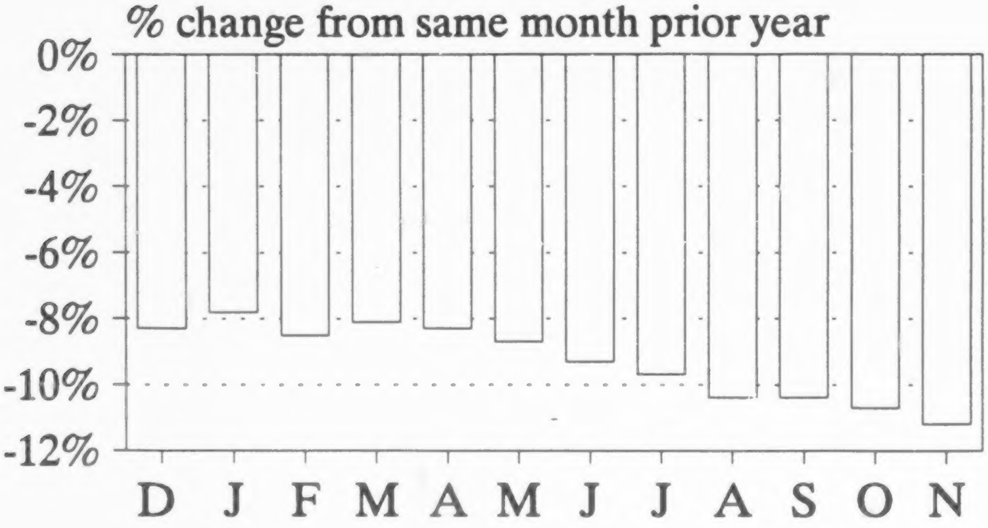
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	71.7	81.1	-11.6%	72.8	-1.5%
ALL EMPLOYEES	227.4	256.1	-11.2%	229.8	-1.0%
HOURLY WAGE INDEX	122.1	117.2	4.2%	121.5	0.4%
ANNUAL SALES/EMP	$123,916	$123,277	0.5%	$124,249	-0.3%

Other Specialized Communications Producer Price Indices December 1992

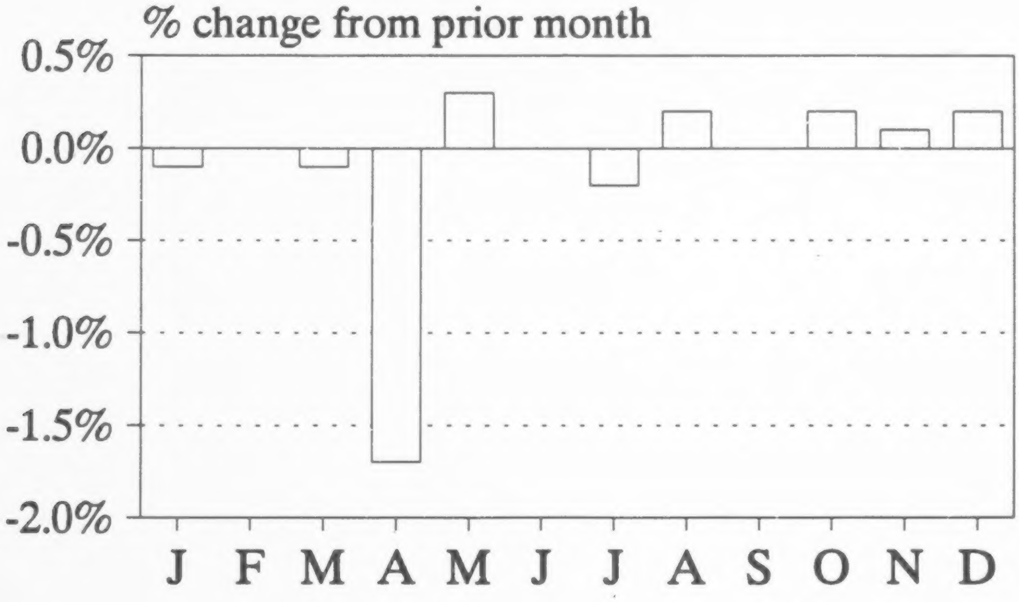
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	99.2	100.4	-1.1%	99.1	0.2%
Navigation Systems	101.6	102.1	-0.5%	101.6	NA
Radar Equipment	102.4	100.5	1.9%	102.4	NA
Defense Electronics	95.2	99.7	-4.6%	94.7	0.4%

Other Communications
All Employees November 1992



Other Communications
Composite Price Index December 1992



Computers & Peripherals
U.S. Factory Data December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	5,128	5,206	-1.5%	7,205	6,045	19.2%	59,301	52,234	13.5%
New Orders	5,173	5,075	1.9%	6,838	5,108	33.9%	57,911	51,184	13.1%
Production	4,705	5,229	-10.0%	6,299	5,347	17.8%	58,876	51,453	14.4%
Inventory	7,724	8,147	-5.2%	7,416	7,841	-5.4%	NA	NA	
Unfilled Orders	6,552	6,507	0.7%	6,296	7,687	-18.1%	NA	NA	
Book/Bill Ratio	1.01	0.97	3.5%	0.95	0.84	12.3%	NA	NA	
Inv/Sales Ratio	1.51	1.56	-3.7%	1.03	1.30	-20.6%	NA	NA	
Unf/Sales Ratio	1.28	1.25	2.2%	0.87	1.27	-31.3%	NA	NA	
Prod/Sales Ratio	0.92	1.00	-8.7%	0.87	0.88	-1.2%	NA	NA	

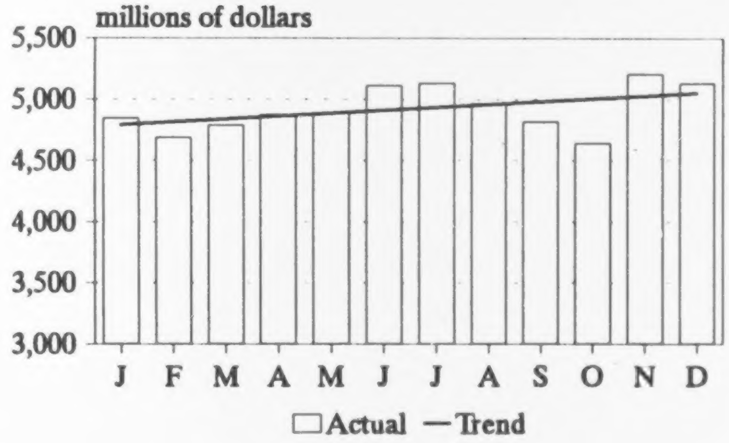
Computers & Peripherals Economic Summary

- Factory sales down 1.5% from prior month, up 13.5% for all of 1992
- New orders up 1.9% from prior month, up 13.1% for all of 1992
- Inventory down 5.2% from prior month, down 5.4% from prior year
- Imports up 5.9% from prior month, exports down 2.7%
- Imports up 20.7% through November, exports up 4.1%
- Total employment down 5.1% from prior year
- Production worker hourly wage index down 0.4% from prior year
- Factory price index unchanged from prior month

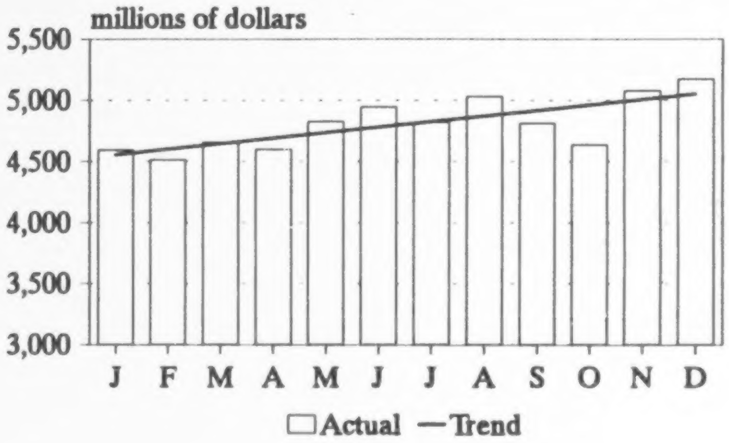
Computers & Peripherals U.S Factory Trends December 1992

(all data seasonally adjusted)

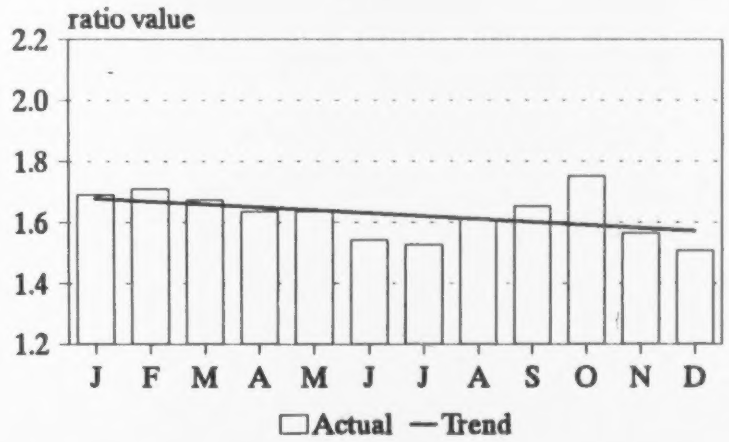
Factory Sales



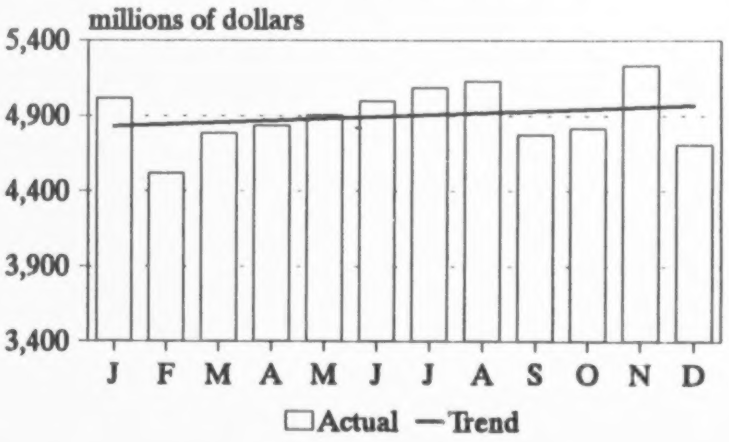
New Orders



Inventory/Sales Ratio



Production



Computer & Peripheral Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	2,990	2,823	5.9%	3,046	2,286	33.2%	29,046	24,064	20.7%
Exports	2,484	2,553	-2.7%	2,551	2,484	2.7%	27,254	26,190	4.1%
Balance	(506)	(270)	87.4%	(495)	198	NA	(1,792)	2,126	NA

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	10,252,434	37.6%	Canada	4,225,336	15.5%
Singapore	4,916,216	18.0%	Japan	3,307,615	12.1%
Taiwan	3,934,401	14.4%	U.K.	2,730,010	10.0%
Canada	1,957,376	7.2%	Germany	2,557,145	9.4%
S. Korea	1,281,147	4.7%	Netherlands	1,808,104	6.6%
U.K.	932,882	3.4%	Singapore	1,337,704	4.9%
Mexico	840,932	3.1%	France	1,269,603	4.7%
Thailand	827,190	3.0%	Mexico	1,099,705	4.0%
Malaysia	791,272	2.9%	Australia	934,949	3.4%
Hong Kong	634,564	2.3%	Taiwan	565,248	2.1%
Other	884,677	3.2%	Other	7,417,672	27.2%

Import/Export Product Summary November 1992

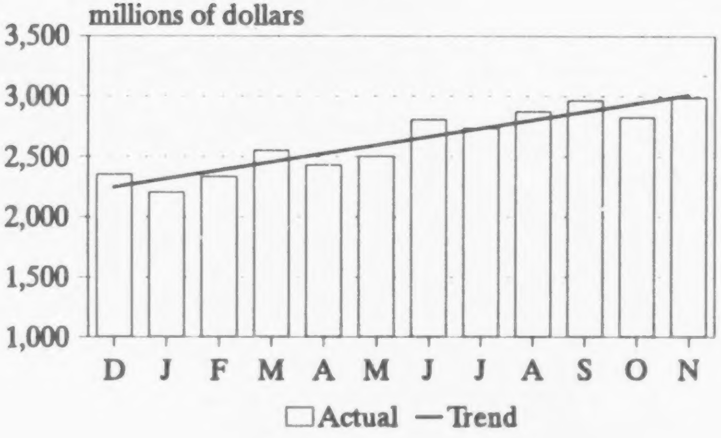
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	446,976	671,393	224,417	4,126,121	7,510,472	3,384,351
Monitors	365,451	62,714	(302,737)	3,507,514	667,411	(2,840,103)
Disk Drives and Blank Media	901,909	510,399	(391,510)	8,417,191	5,237,838	(3,179,353)
Printers	296,286	108,909	(187,377)	2,763,474	1,223,345	(1,540,129)
Other Computer Peripherals	69,133	94,270	25,137	722,455	1,108,096	385,641
Other Business Machines and Parts	965,902	1,103,231	137,329	9,510,353	11,505,928	1,995,575
Total	3,045,657	2,550,915	(494,741)	29,047,108	27,253,091	(1,794,017)

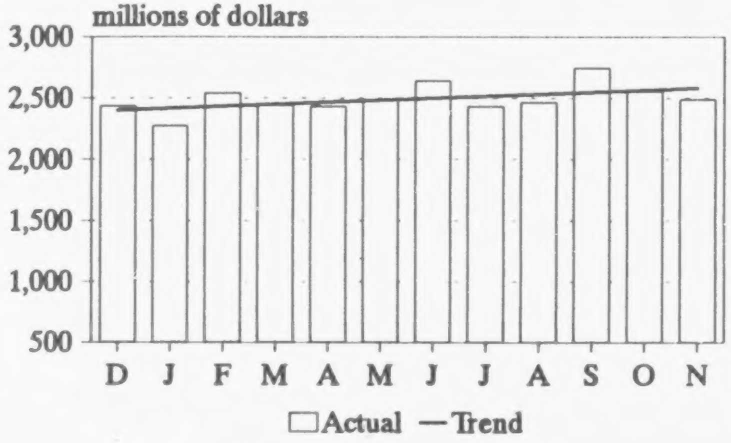
Computers & Peripherals Trade Trends November 1992

(all data seasonally adjusted)

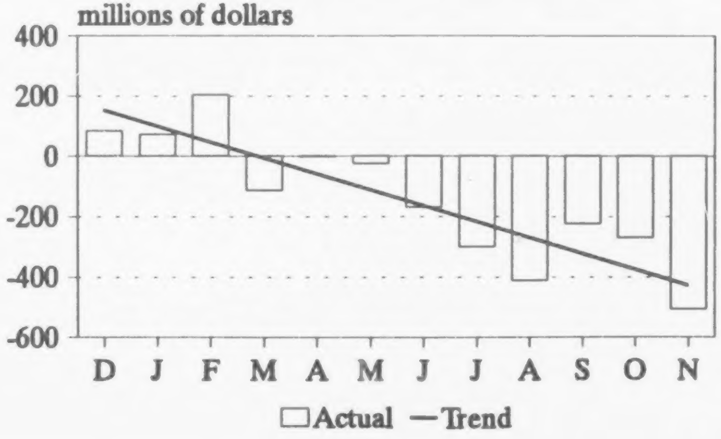
Imports



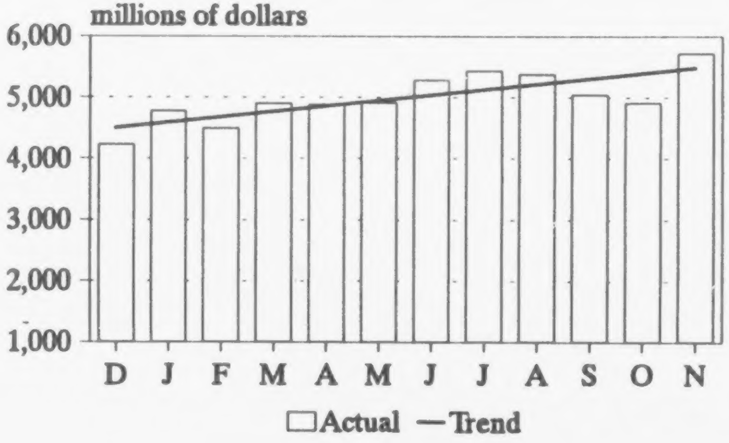
Exports



Balance of Trade



Consumption



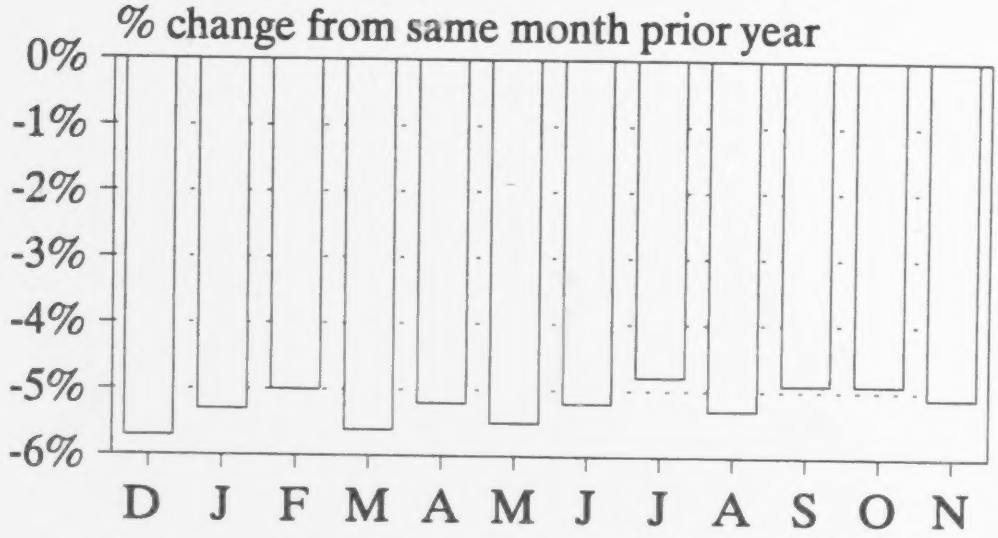
Computer & Peripheral Employment November 1992
(thousands of workers)

	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	129.9	130.5	-0.5%	130.7	-0.6%
Computers	58.9	61.0	-3.4%	59.4	-0.8%
Other	71.0	69.5	2.2%	71.3	-0.4%
ALL EMPLOYEES	386.5	407.3	-5.1%	388.7	-0.6%
Computers	231.2	251.1	-7.9%	233.3	-0.9%
Other	155.3	156.2	-0.6%	155.4	-0.1%
HOURLY WAGE INDEX	114.9	115.4	-0.4%	116.1	-1.0%
ANNUAL SALES/EMP	$123,450	$105,154	17.4%	$121,905	1.3%

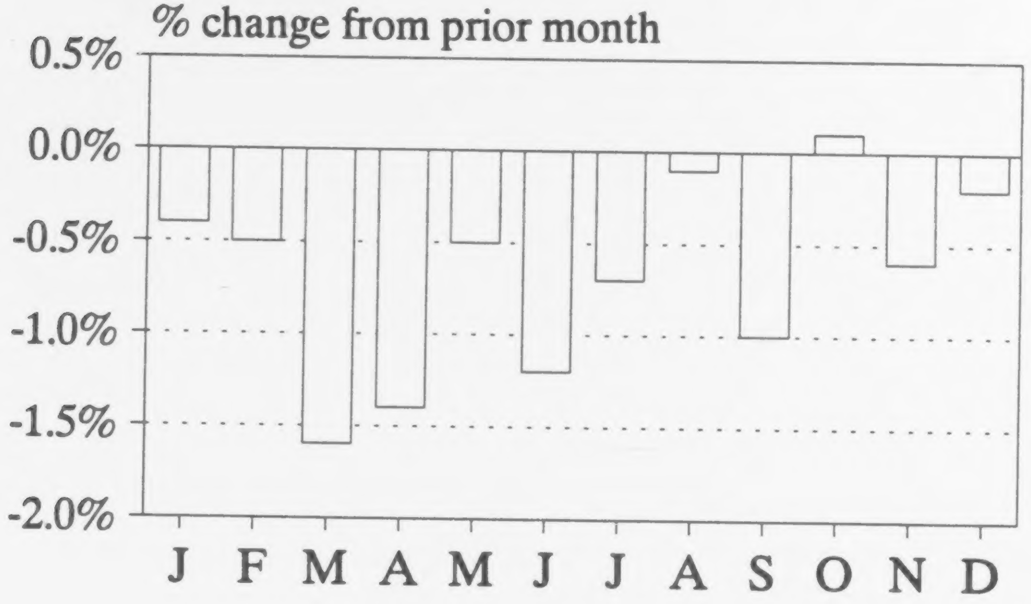
Computer & Peripheral Producer Price Indices December 1992
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	72.9	80.2	-9.0%	73.0	-0.2%
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	63.1	76.7	-17.7%	63.4	-0.5%
Hard Disks	102.0	99.0	3.0%	102.0	NA
Floppy Diskettes	92.1	96.3	-4.4%	92.0	0.1%

Computers & Peripherals
All Employees November 1992



Computers & Peripherals
Composite Price Index December 1992



Industrial Electronics
U.S. Factory Data December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,177	2,094	3.9%	2,170	2,102	3.2%	24,864	24,355	2.1%
New Orders	2,464	2,156	14.3%	3,228	2,152	50.0%	29,482	24,206	21.8%
Production	2,153	2,061	4.5%	2,088	1,993	4.8%	23,390	24,029	-2.7%
Inventory	4,382	4,406	-0.5%	2,930	4,404	-33.5%	NA	NA	
Unfilled Orders	5,302	5,134	3.3%	2,956	5,360	-44.8%	NA	NA	
Book/Bill Ratio	1.13	1.03	10.0%	1.49	1.02	45.3%	NA	NA	
Inv/Sales Ratio	2.01	2.10	-4.3%	1.35	2.10	-35.6%	NA	NA	
Unf/Sales Ratio	2.44	2.45	-0.6%	1.36	2.55	-46.6%	NA	NA	
Prod/Sales Ratio	0.99	0.98	0.5%	0.96	0.95	1.5%	NA	NA	

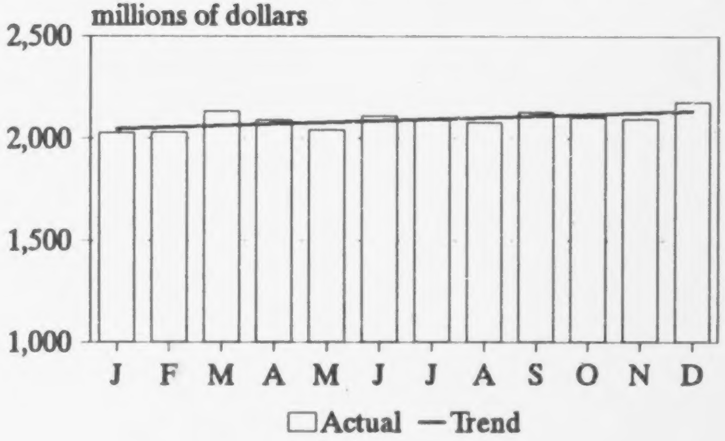
Industrial Electronics Economic Summary

- Factory sales up 3.9% from prior month, up 2.1% for all of 1992
- New orders up 14.3% from prior month, up 21.8% for all of 1992
- Inventory down 0.5% from prior month, down 33.5% from prior year
- Imports up 4% from prior month, exports up 0.2%
- Imports up 3.5% through November, exports down 1.5%
- Total employment down 5.9% from prior year
- Production worker hourly wage index up 7.9% from prior year
- Factory price index up 0.1% from prior month

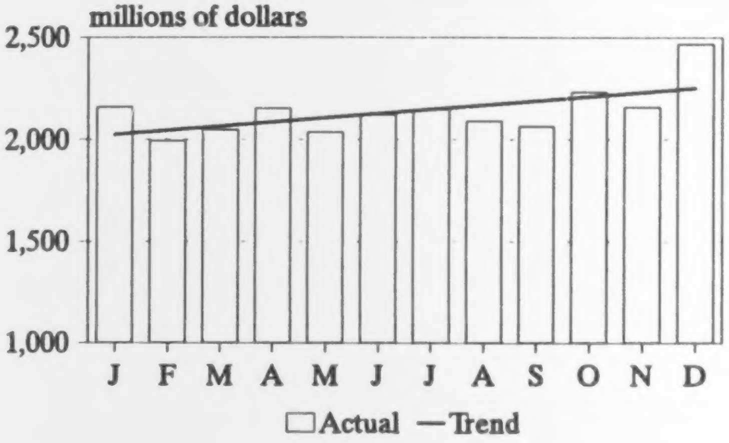
Industrial Electronics U.S Factory Trends December 1992

(all data seasonally adjusted)

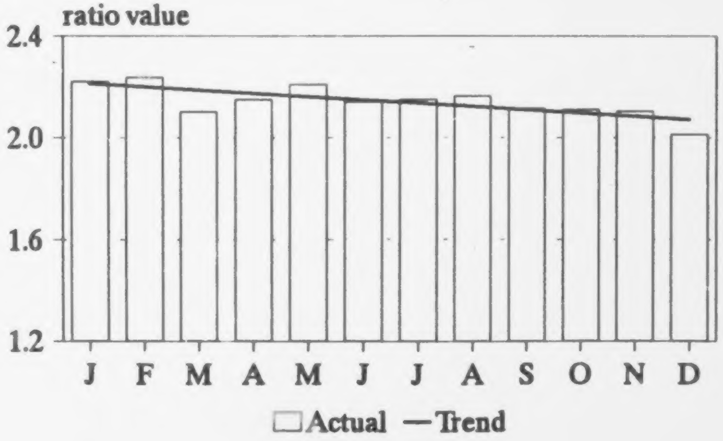
Factory Sales



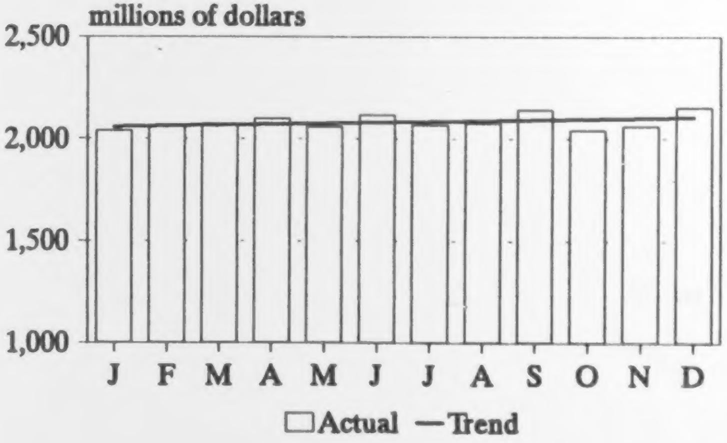
New Orders



Inventory/Sales Ratio



Production



Industrial Electronics Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	313	301	4.0%	313	239	31.0%	2,840	2,744	3.5%
Exports	642	641	0.2%	644	623	3.4%	6,862	6,963	-1.5%
Balance	329	340	-3.2%	331	384	-13.8%	4,022	4,219	-4.7%

Import/Export Country Summary November 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	749,834	25.3%	Canada	918,710	13.3%
Canada	388,281	13.1%	Japan	909,044	13.1%
U.K.	360,477	12.2%	Germany	540,842	7.8%
Germany	331,112	11.2%	U.K.	469,333	6.8%
Mexico	165,777	5.6%	S. Korea	431,859	6.2%
France	109,277	3.7%	Mexico	423,456	6.1%
Switzerland	78,400	2.6%	France	358,807	5.2%
Netherlands	74,802	2.5%	Taiwan	300,395	4.3%
Taiwan	58,561	2.0%	Italy	227,893	3.3%
Sweden	50,401	1.7%	Singapore	201,249	2.9%
Other	594,821	20.1%	Other	2,149,206	31.0%

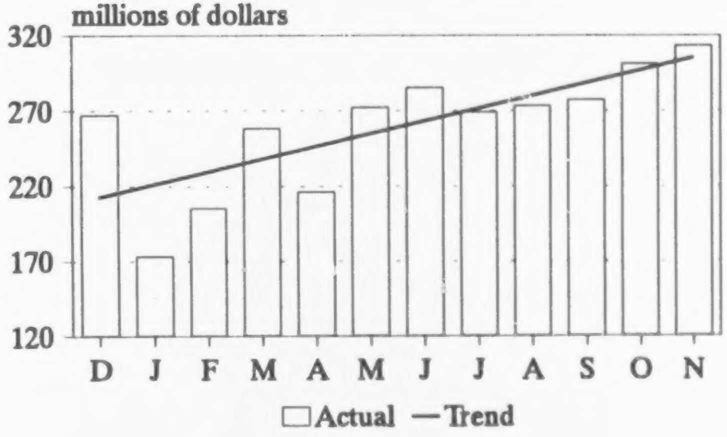
Import/Export Product Summary November 1992

(not seasonally adj thousands of dollars)

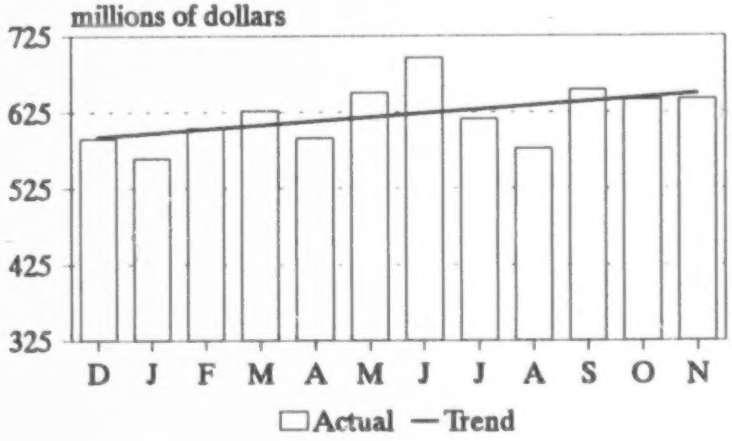
	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	15,702	9,713	(5,988)	118,143	73,189	(44,954)
Testing/Analyzing Equipment	55,266	165,034	109,768	516,294	1,905,869	1,389,575
Measuring/Analyzing Equip	64,225	205,768	141,543	739,028	2,238,890	1,499,862
Process/Control Devices	43,437	72,326	28,889	356,985	616,385	259,400
Other Electronic Machinery	134,120	191,406	57,286	1,231,293	2,096,461	865,168
Total	312,749	644,247	331,497	2,961,743	6,930,794	3,969,051

Industrial Electronics Trade Trends November 1992

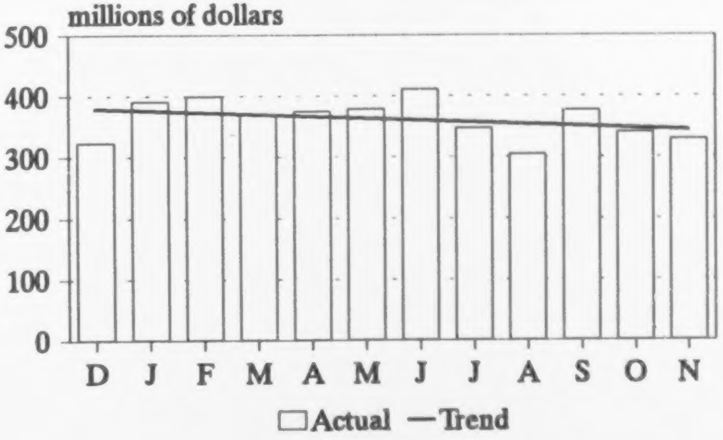
(all data seasonally adjusted)



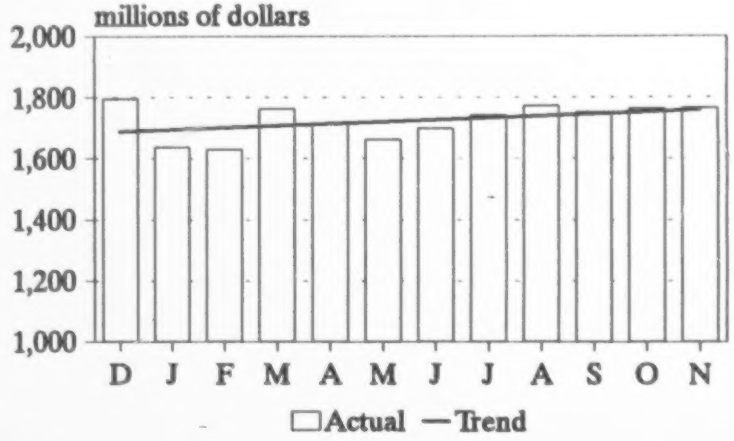
Imports



Exports



Balance of Trade



Consumption

Industrial Electronics Employment November 1992

(thousands of workers)

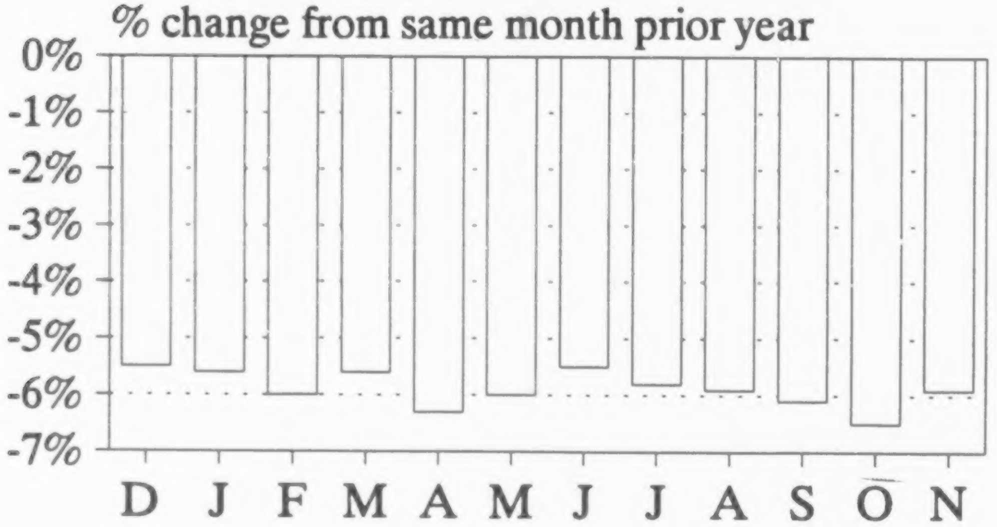
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	114.2	127.0	-10.1%	114.9	-0.6%
Process Controls	26.6	31.1	-14.5%	27.1	-1.8%
Testing/Measuring	37.9	41.1	-7.8%	37.8	0.3%
Other	49.7	54.8	-9.3%	50.0	-0.6%
ALL EMPLOYEES	228.5	242.9	-5.9%	229.2	-0.3%
Process Controls	56.1	61.3	-8.5%	56.8	-1.2%
Testing/Measuring	78.5	82.9	-5.3%	78.2	0.4%
Other	93.9	98.7	-4.9%	94.2	-0.3%
HOURLY WAGE INDEX	124.1	115.0	7.9%	122.0	1.8%
ANNUAL SALES/EMP	$106,621	$97,024	9.9%	$105,910	0.7%

Industrial Electronics Producer Price Indices December 1992

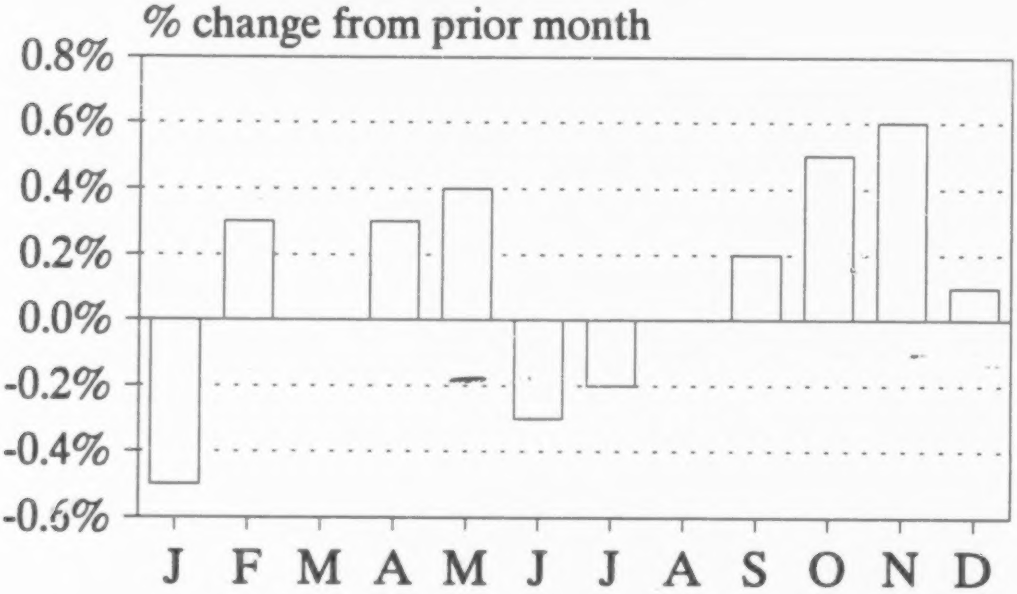
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	104.4	103.0	1.4%	104.3	0.1%
Testing/Measuring	103.8	102.7	1.1%	103.6	0.2%
Nuclear Radiation	103.6	101.5	2.1%	103.6	NA
Process Controls	105.3	102.3	2.9%	105.2	0.1%
Other Equipment	104.6	104.1	0.4%	104.6	NA

Industrial Electronics
All Employees November 1992



Industrial Electronics
Composite Price Index December 1992



Electromedical Equipment
U.S. Factory Data December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	676	644	5.0%	698	661	5.7%	7,783	7,529	3.4%
New Orders	602	654	-7.9%	624	557	12.1%	7,791	7,366	5.8%
Production	657	647	1.5%	641	618	3.7%	7,820	7,573	3.3%
Inventory	1,406	1,425	-1.3%	1,375	1,338	2.8%	NA	NA	
Unfilled Orders	1,852	1,926	-3.8%	1,852	1,844	0.4%	NA	NA	
Book/Bill Ratio	0.89	1.02	-12.3%	0.89	0.84	6.1%	NA	NA	
Inv/Sales Ratio	2.08	2.21	-6.0%	1.97	2.02	-2.7%	NA	NA	
Unf/Sales Ratio	2.74	2.99	-8.4%	2.65	2.79	-4.9%	NA	NA	
Prod/Sales Ratio	0.97	1.01	-3.3%	0.92	0.94	-1.8%	NA	NA	

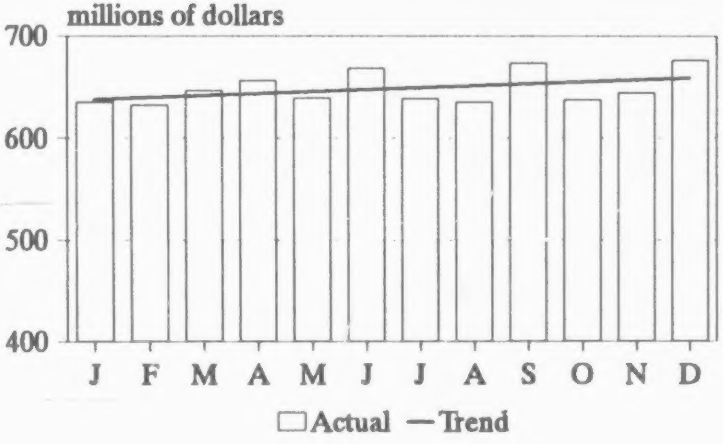
Electromedical Equipment Economic Summary

- Factory sales up 5% from prior month, up 3.4% for all of 1992
- New orders down 7.9% from prior month, up 5.8% for all of 1992
- Inventory down 1.3% from prior month, up 2.8% from prior year
- Imports up 5.1% from prior month, exports down 10.2%
- Imports up 0.2% through November, exports up 11.6%
- Total employment up 1.8% from prior year
- Production worker hourly wage index up 4.2% from prior year
- Factory price index unchanged from prior month

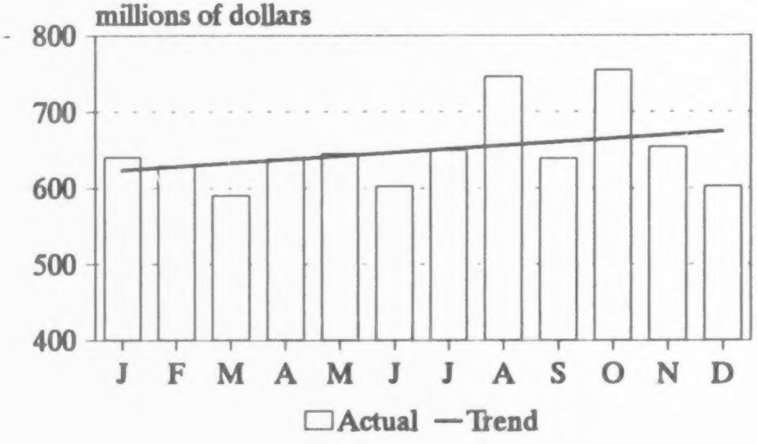
Electromedical Equipment U.S Factory Trends December 1992

(all data seasonally adjusted)

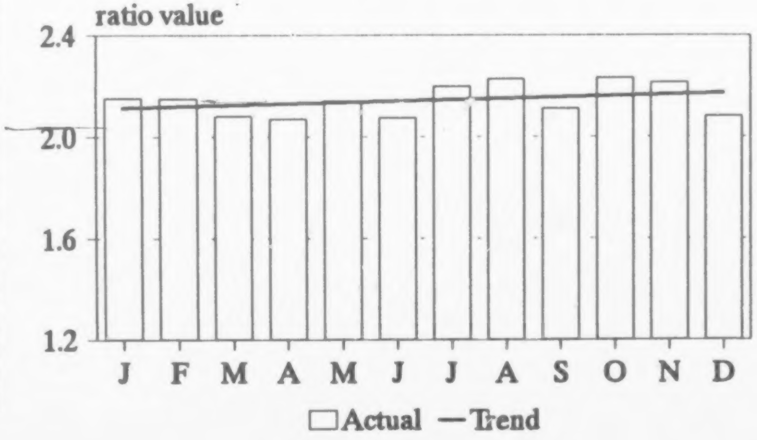
Factory Sales



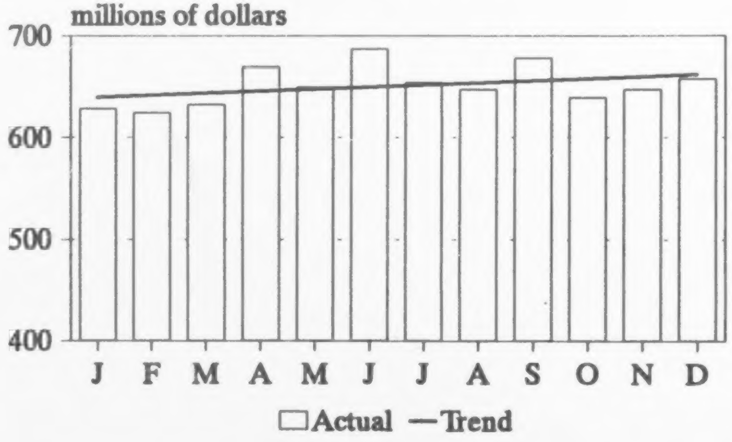
New Orders



Inventory/Sales Ratio



Production



Electromedical Equipment Foreign Trade Summary

Import/Export Summary November 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Nov 92	Oct 92	% ch.	Nov 92	Nov 91	% ch.	YTD 92	YTD 91	% ch.
Imports	187	178	5.1%	185	176	5.1%	2,047	2,042	0.2%
Exports	272	303	-10.2%	274	279	-1.8%	3,090	2,769	11.6%
Balance	85	125	-32.0%	89	103	-13.6%	1,043	726	43.5%

Import/Export Country Summary November 1992

(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	638,050	31.2%	Germany	452,728	14.7%
Germany	618,022	30.2%	Japan	422,662	13.7%
Netherlands	156,437	7.6%	Canada	259,676	8.4%
France	125,447	6.1%	Netherlands	247,105	8.0%
Mexico	92,331	4.5%	France	173,898	5.6%
U.K.	74,967	3.7%	U.K.	164,783	5.3%
Israel	30,559	1.5%	Italy	118,804	3.8%
Ireland	30,038	1.5%	Mexico	109,433	3.5%
Canada	28,576	1.4%	Australia	98,363	3.2%
Italy	28,576	1.4%	Sweden	83,387	2.7%
Other	224,313	11.0%	Other	957,995	31.0%

Import/Export Product Summary November 1992

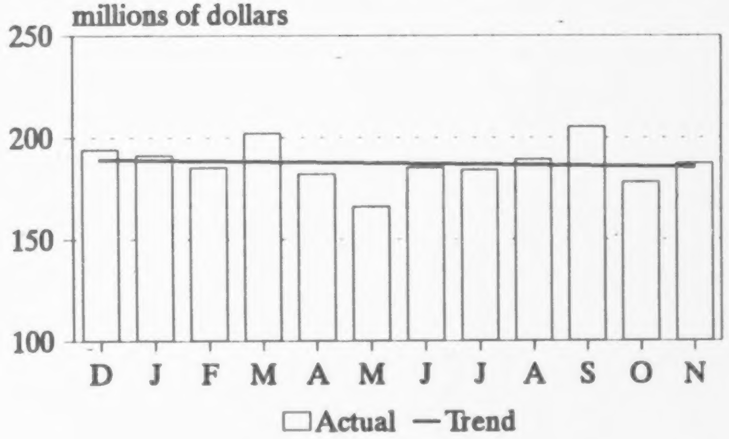
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	104,795	208,260	103,464	1,139,243	2,307,225	1,167,983
X-Ray and Related Equipment	79,709	65,272	(14,438)	908,073	781,608	(126,465)
Total	184,505	273,531	89,027	2,047,316	3,088,834	1,041,518

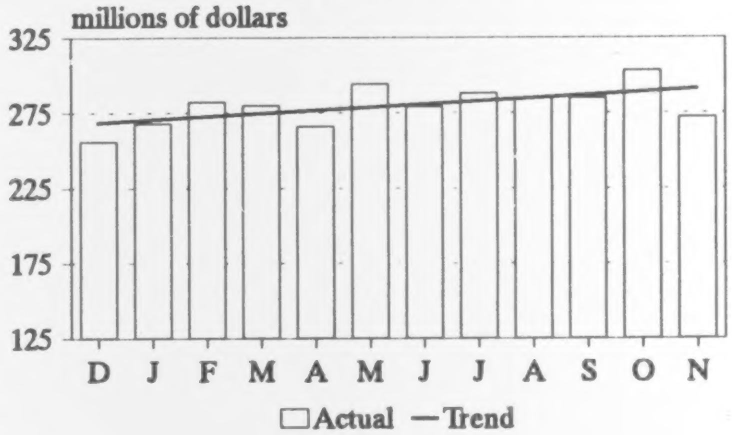
Electromedical Equipment Trade Trends November 1992

(all data seasonally adjusted)

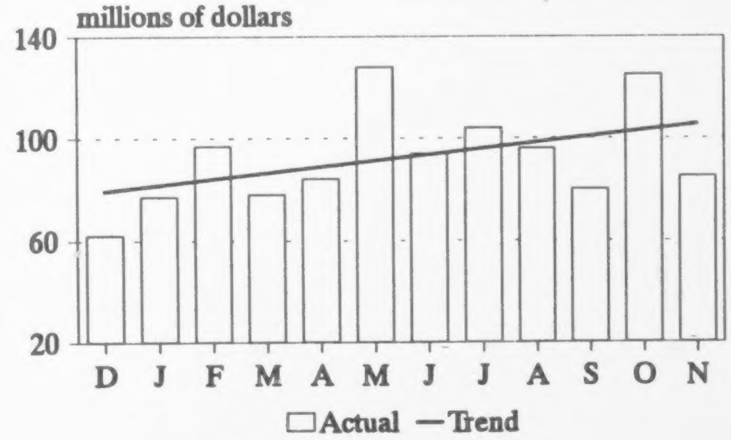
Imports



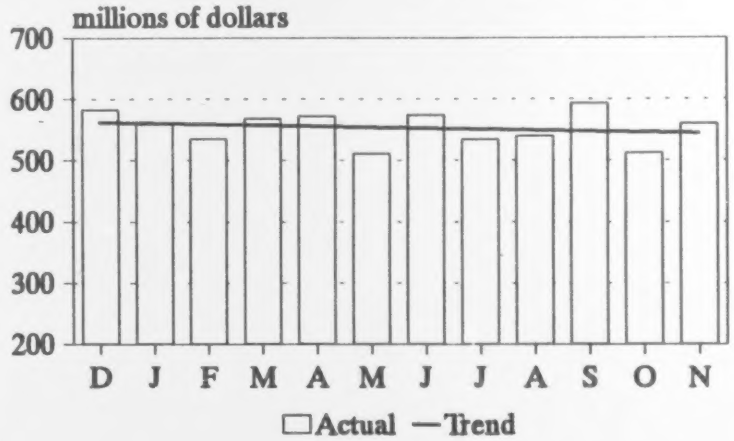
Exports



Balance of Trade



Consumption



Electromedical Equipment Employment November 1992

(thousands of workers)

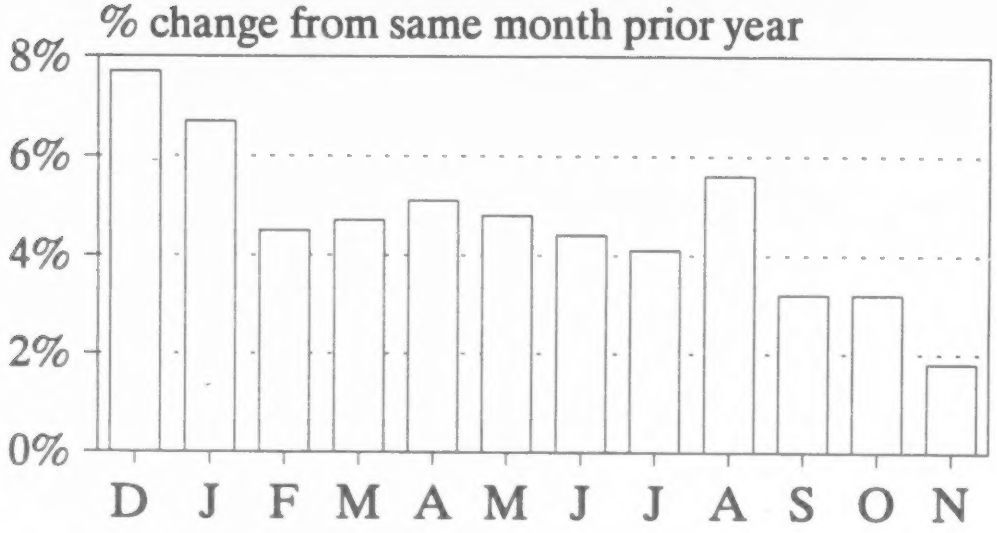
	Not Seasonally Adj				
	Nov 92	Nov 91	% ch.	Oct 92	% ch.
PRODUCTION WORKERS	18.3	16.9	8.3%	18.2	0.5%
ALL EMPLOYEES	45.2	44.4	1.8%	45.3	-0.2%
HOURLY WAGE INDEX	120.9	116.0	4.2%	120.9	NA
ANNUAL SALES/EMP	$171,767	$173,315	-0.9%	$172,156	-0.2%

Electromedical Equipment Producer Price Indices December 1992

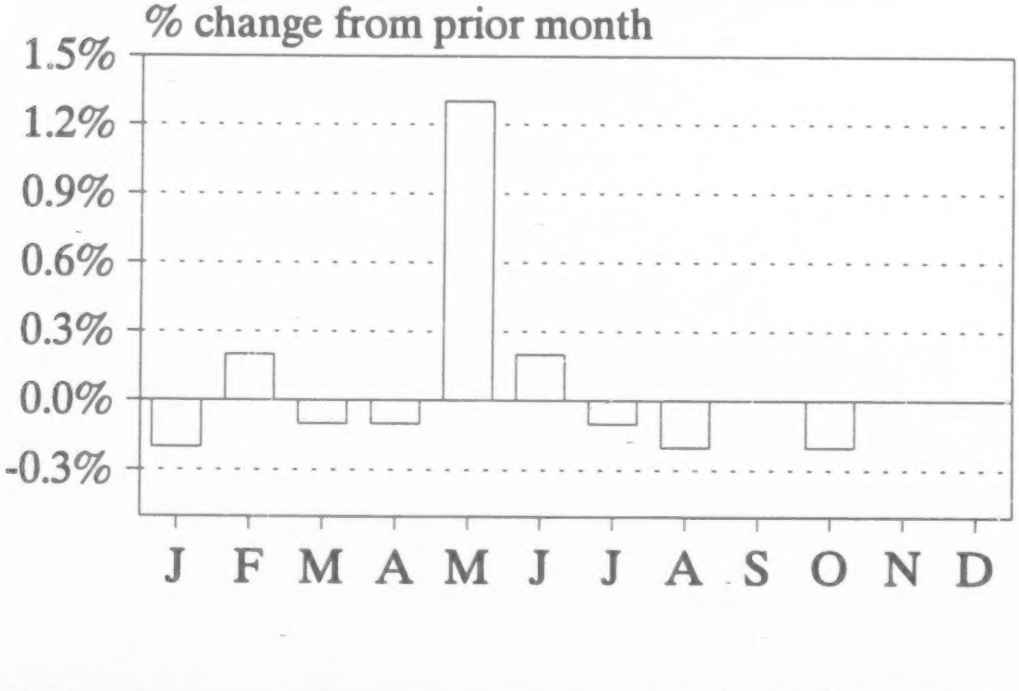
(12/90=100)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
COMPOSITE INDEX	102.1	101.3	0.8%	102.1	NA
Irradiation Equipment	101.9	101.7	0.2%	100.6	1.3%
Diagnostic/Monitoring	102.1	101.2	1.0%	102.8	-0.7%
Electrotherapeutic	102.3	101.2	1.0%	102.3	NA

Electromedical Equipment
All Employees November 1992



Electromedical Equipment
Composite Price Index December 1992

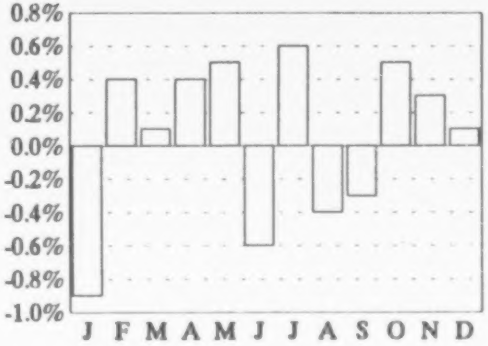


Economic Data Bank
Data as of February 2, 1992

	Current Period	Previous Period	Year Ago
	Dec-92	Nov-92	Dec-91
Capacity Utilization (% utilized)	**79.3**	**79.2**	**78.7**
	Jan-93	Dec-92	Jan-92
Consumer Confidence (Index 1985=100)	**77.0**	**78.1**	**50.2**
	4th Qtr	3rd Qtr	4th Qtr
Gross Domestic Product (billions 1987 $)	**4,979.8**	**4,933.7**	**4,838.5**
	3rd Q92	2nd Q92	3rd Q91
Gross National Product (billions 1987 $)	**4,949.0**	**4,899.1**	**4,843.7**
	4th Qtr	3rd Qtr	4th Qtr
Government Purchases (billions 1987 $)	**938.9**	**943.0**	**933.1**
	Dec-92	Nov-92	Dec-91
Industrial Production (Index 1987=100)	**110.5**	**110.1**	**107.4**
	Dec-92	Nov-92	Dec-91
Housing Starts (annual rate 000's)	**1,302**	**1,234**	**1,103**
	Dec-92	Nov-92	Dec-91
Leading Economic Indicators (Index 1987=100)	**153.0**	**150.1**	**144.7**
	Jan-93	Dec-92	Jan-92
90-Day T-Bill Rate (%)	**3.25**	**3.14**	**4.12**
	Jan-93	Dec-92	Jan-92
Prime Rate (%)	**6.00**	**6.00**	**7.50**
	Dec-92	Nov-92	Dec-91
Unemployment Rate (% of labor force)	**7.2**	**7.2**	**7.1**
	Dec-92	Nov-92	Dec-91
Real Money Supply M-2 (billions 1987 $)	**2,376.8**	**2,381.1**	**2,401.5**
	Dec-92	Nov-92	Dec-91
Retail Sales (billions of dollars)	**166.8**	**164.8**	**154.4**
	Dec-92	Nov-92	Dec-91
Disposable Personal Income (billions 1987 $)	**3,631.6**	**3,599.1**	**3,552.5**
	Dec-92	Nov-92	Dec-91
Auto Sales (annual rate millions)	**489**	**512**	**438**
	Dec-92	Nov-92	Dec-91
Personal Savings Rate (% of income)	**4.7**	**4.5**	**4.9**
	Dec-92	Nov-92	Dec-91
CPI-U All Items (Index 1982-84=100)	**142.2**	**142.1**	**138.2**
	Dec-92	Nov-92	Dec-91
PPI Finished Goods (Index 1982-84=100)	**123.9**	**123.7**	**122.1**
	Nov-92	Oct-92	Nov-91
Balance of Trade (billions of dollars)	**(7.6)**	**(7.2)**	**(4.1)**

Capacity Utilization

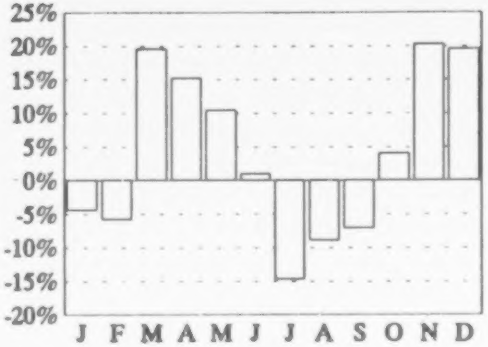
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

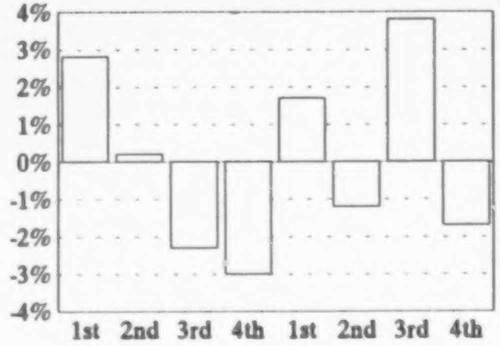
(percent change from previous month)



Source: Conference Board

Government Purchases

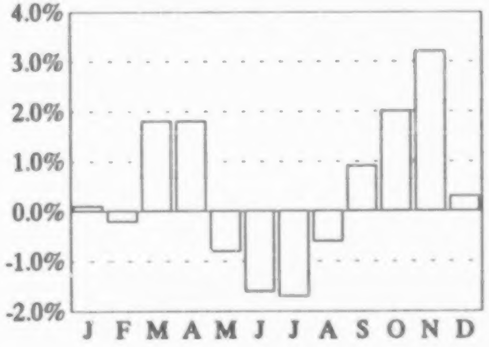
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

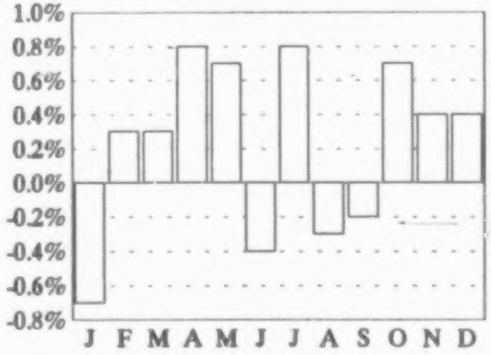
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

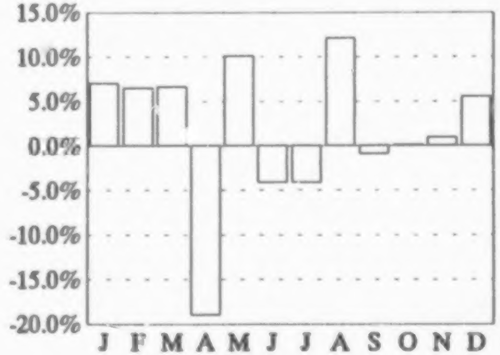
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

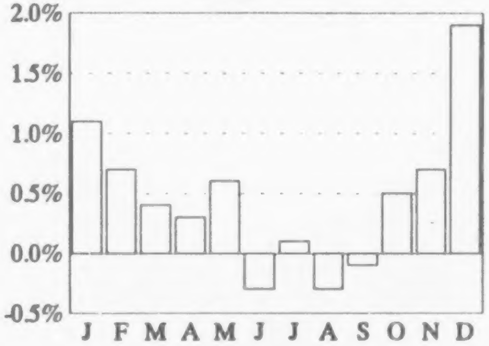
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

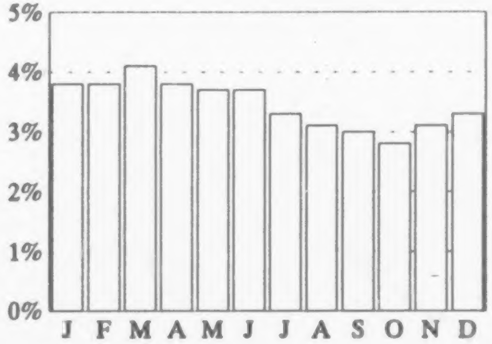
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

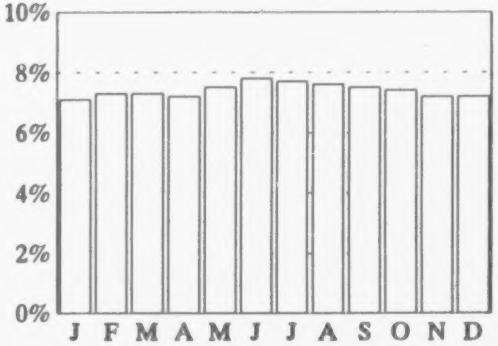
(interest rate)



Source: Conference Board

Unemployment Rate

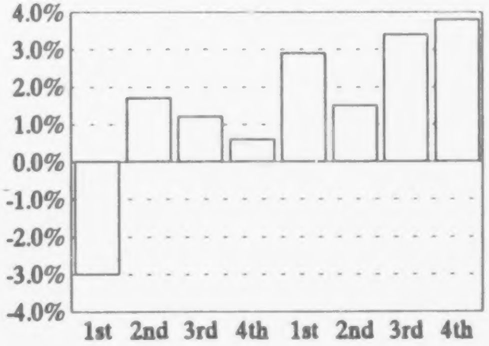
(precent of civilian laborforce)



Source: Department of Commerce

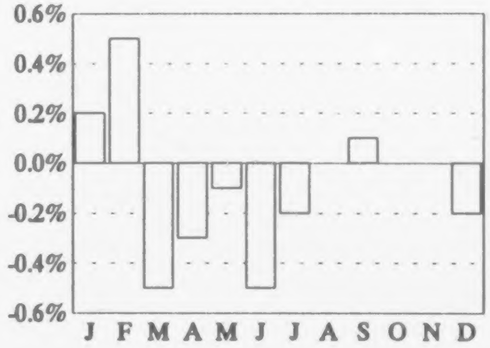
Real GDP

(quarter vs. previous quarter)



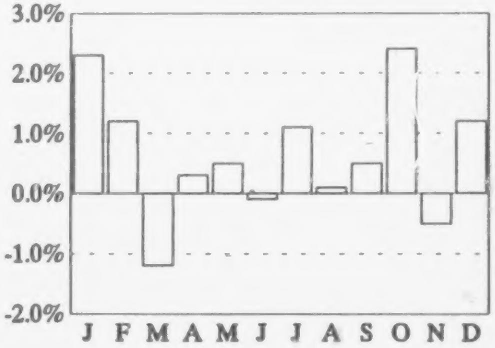
Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)



Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

Shipments

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,802	5,072	5,250	5,147	5,406

New Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,939	5,382	5,268	5,439	5,497

Inventories

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
1991	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,044	8,085	8,016	7,965	8,026

Unfilled Orders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,068	13,378	13,396	13,688	13,779

Historical Data 1990 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	1,674	1,597	1,797	1,790	1,836	1,820	1,860	1,842	1,704	1,786	1,839	1,718
1991	1,790	1,794	1,837	1,942	1,799	1,780	1,846	1,835	1,904	2,121	1,892	1,888
1992	1,867	1,929	2,118	2,009	1,961	2,174	2,005	2,059	2,256	2,295	2,086	
						Exports						
1990	1,496	1,528	1,634	1,554	1,699	1,765	1,565	1,706	1,664	1,670	1,612	1,611
1991	1,700	1,688	1,779	1,758	1,768	1,749	1,692	1,729	1,747	1,876	1,792	1,615
1992	1,767	1,891	1,814	1,780	1,783	1,782	1,869	1,783	2,071	2,082	1,964	
						Balance of Trade						
1990	(178)	(69)	(163)	(236)	(137)	(55)	(295)	(136)	(40)	(116)	(227)	(107)
1991	(90)	(106)	(58)	(184)	(31)	(31)	(154)	(106)	(157)	(245)	(100)	(273)
1992	(100)	(38)	(304)	(229)	(178)	(392)	(136)	(276)	(185)	(213)	(122)	
						Consumption						
1990	4,790	4,629	4,742	4,766	4,807	4,628	4,893	4,786	4,569	4,735	4,844	4,664
1991	4,534	4,710	4,589	4,783	4,799	4,660	4,884	4,770	4,785	4,999	4,908	5,089
1992	4,857	4,780	5,018	4,971	4,886	5,184	5,032	5,078	5,257	5,463	5,269	

Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,366	2,391	2,542	2,421	2,369	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,199	3,671	3,669	3,308	3,744
New Orders												
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,165	3,744	3,772	3,205	3,958
Inventories												
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,423	7,330	7,262	7,417	7,592
Unfilled Orders												
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,280	12,353	12,455	12,281	12,494

Historical Data 1990 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	608	550	663	615	595	629	647	668	630	691	624	562
1991	588	590	594	603	574	624	624	589	611	616	626	629
1992	636	640	702	645	658	736	675	682	725	737	696	
						Exports						
1990	454	549	625	533	500	689	670	619	575	624	550	526
1991	656	485	631	571	691	599	583	589	616	583	635	691
1992	674	592	658	641	662	704	661	606	768	1,006	727	
						Balance of Trade						
1990	(154)	(1)	(38)	(82)	(95)	60	23	(49)	(55)	(67)	(74)	(36)
1991	68	(105)	37	(32)	117	(25)	(41)	0	5	(33)	9	62
1992	38	(48)	(44)	(4)	4	(32)	(14)	(76)	43	269	31	
						Consumption						
1990	2,770	2,896	2,635	2,894	2,774	2,587	2,808	2,835	2,812	3,079	2,783	2,803
1991	2,810	2,962	2,749	2,816	2,806	2,899	2,985	2,894	3,059	3,079	3,051	2,989
1992	3,028	3,134	3,210	3,027	3,052	3,247	3,667	3,275	3,628	3,400	3,277	

Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,395	2,532	2,344	2,384	2,309
New Orders												
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,924	2,559	1,789	2,555	2,879
Inventories												
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,813	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,111	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,728	6,624	6,401	6,294	6,278
Unfilled Orders												
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,457	32,484	31,929	32,100	32,670

Historical Data 1990 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	72	69	87	72	77	76	89	73	75	78	76	75
1991	84	68	84	101	89	76	98	89	80	95	92	74
1992	82	91	93	98	79	103	93	91	91	115	86	
						Exports						
1990	204	184	239	217	205	197	193	218	198	197	218	201
1991	232	200	221	207	217	214	224	188	223	221	209	226
1992	192	238	203	197	214	198	260	190	190	242	184	
						Balance of Trade						
1990	132	115	152	145	128	121	104	145	123	119	142	126
1991	148	132	137	106	128	138	126	99	143	126	117	152
1992	110	147	110	99	135	95	167	99	99	127	98	
						Consumption						
1990	2,684	2,745	2,533	2,645	2,812	2,638	2,883	2,687	2,754	2,699	2,696	2,807
1991	2,498	2,472	2,542	2,604	2,597	2,621	2,482	2,924	2,430	2,581	2,644	2,301
1992	2,397	2,506	2,447	2,456	2,354	2,456	2,269	2,296	2,433	2,217	2,286	

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,963	4,813	4,640	5,206	5,128
						New Orders						
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,028	4,808	4,633	5,075	5,173
						Inventories						
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,485	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,993	7,950	8,124	8,147	7,724
						Unfilled Orders						
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,649	6,644	6,638	6,507	6,552

Historical Data 1990 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	1,931	1,843	1,970	1,902	1,771	1,925	1,873	1,874	1,856	1,929	1,949	2,057
1991	2,066	2,189	2,069	2,139	2,263	2,282	2,286	2,360	2,313	2,244	2,351	4,338
1992	2,201	2,334	2,551	2,429	2,503	2,806	2,730	2,872	2,966	2,823	2,990	
						Exports						
1990	2,251	2,268	2,349	2,159	2,251	2,356	2,358	2,339	2,453	2,396	2,163	2,415
1991	2,386	2,366	2,460	2,443	2,399	2,407	2,341	2,357	2,405	2,390	2,419	2,435
1992	2,274	2,538	2,437	2,427	2,479	2,636	2,429	2,460	2,742	2,553	2,484	
						Balance of Trade						
1990	320	425	379	257	480	431	485	465	597	467	214	358
1991	320	177	391	304	136	125	55	(3)	92	146	68	(1,903)
1992	73	204	(114)	(2)	(24)	(170)	(301)	(412)	(224)	(270)	(506)	
						Consumption						
1990	4,166	4,058	4,133	4,155	3,905	4,035	3,819	3,930	3,835	4,185	4,143	4,025
1991	4,070	4,122	3,918	4,049	4,150	4,213	4,309	4,325	3,994	4,474	4,636	6,214
1992	4,772	4,485	4,901	4,876	4,911	5,277	5,429	5,375	5,037	4,910	5,712	

Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,076	2,128	2,103	2,094	2,177
New Orders												
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,088	2,063	2,231	2,156	2,464
Inventories												
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,489	4,501	4,439	4,406	4,382
Unfilled Orders												
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,213	5,103	5,143	5,134	5,302

Historical Data 1990 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

Imports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	178	205	205	185	202	212	214	201	196	238	214	191
1991	251	257	271	251	252	221	224	252	257	270	239	267
1992	173	205	258	216	272	285	269	273	277	301	313	

Exports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	461	460	542	470	489	530	514	513	507	545	483	538
1991	622	655	665	626	638	660	593	620	654	611	621	590
1992	564	604	627	591	650	696	616	577	654	641	642	

Balance of Trade

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	283	255	337	285	287	318	300	312	311	307	269	347
1991	371	398	394	375	386	439	369	368	397	341	382	323
1992	391	399	369	375	378	411	347	304	377	340	329	

Consumption

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	1,817	1,813	1,782	1,746	1,899	1,815	1,785	1,765	1,740	1,777	1,774	1,637
1991	1,605	1,604	1,601	1,633	1,607	1,671	1,637	1,643	1,654	1,672	1,673	1,794
1992	1,636	1,630	1,762	1,713	1,662	1,697	1,742	1,772	1,751	1,763	1,765	

Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Shipments											
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	635	673	637	644	676
	New Orders											
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	746	639	754	654	602
	Inventories											
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,414	1,420	1,422	1,425	1,406
	Unfilled Orders											
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832	1,799	1,915	1,926	1,852

Historical Data 1990 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

Imports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	132	149	157	149	159	158	177	177	182	181	185	185
1991	179	173	196	190	183	194	196	185	183	192	178	194
1992	191	185	202	182	166	185	184	189	205	178	187	

Exports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	212	195	226	224	211	220	205	205	215	217	221	233
1991	238	233	253	250	251	261	249	242	256	268	277	256
1992	268	282	280	266	294	279	288	285	285	303	272	

Balance of Trade

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	80	46	69	75	52	62	28	28	33	36	36	48
1991	59	60	57	60	68	67	53	57	73	76	99	62
1992	77	97	78	84	128	94	104	96	80	125	85	

Consumption

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	474	508	495	493	539	525	564	570	563	570	582	533
1991	570	560	521	569	558	546	590	558	569	569	551	582
1992	558	535	568	572	511	574	534	539	593	512	559	

Historical Data 1987 - Present

Domestically Produced Consumer Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	557	554	523	559	557	544	515	519	520	504	510	511
1988	602	591	600	590	633	586	597	641	661	658	676	647
1989	711	707	674	691	697	620	697	736	658	667	641	654
1990	670	660	685	630	729	682	679	669	672	684	679	677
1991	715	711	727	722	737	757	754	777	788	765	794	808
1992	805	865	889	914	891	764	962	904	818	907	907	912
						Inventories						
1987	1,021	1,032	1,049	1,054	1,064	1,070	1,073	1,079	1,080	1,082	1,093	1,091
1988	1,154	1,123	1,116	1,092	1,088	1,075	1,084	1,071	1,075	1,086	1,102	1,156
1989	1,219	1,244	1,260	1,267	1,264	1,235	1,245	1,239	1,253	1,253	1,255	1,272
1990	1,338	1,340	1,330	1,336	1,330	1,337	1,343	1,345	1,324	1,304	1,296	1,285
1991	1,412	1,389	1,369	1,344	1,343	1,344	1,353	1,377	1,389	1,396	1,391	1,379
1992	1,418	1,417	1,442	1,427	1,440	1,441	1,407	1,402	1,403	1,378	1,372	1,339

Historical Data 1990 - Present

Consumer Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1990	1,511	1,346	1,490	1,466	1,239	1,336	1,288	1,190	974	1,144	1,074	1,037
1991	1,329	1,308	1,296	1,257	1,270	1,226	1,215	1,218	1,196	1,169	1,208	1,243
1992	1,605	1,539	1,698	1,503	1,395	1,390	1,429	1,397	1,222	1,196	1,223	
Inventories												
1990	197	197	220	189	197	196	196	205	202	196	190	176
1991	205	204	219	219	222	222	208	217	225	241	243	234
1992	237	280	272	245	254	259	265	244	271	249	248	
Balance of Trade												
1990	(1,314)	(1,149)	(1,270)	(1,277)	(1,042)	(1,140)	(1,092)	(985)	(772)	(948)	(884)	(861)
1991	(1,124)	(1,104)	(1,077)	(1,038)	(1,048)	(1,004)	(1,007)	(1,001)	(971)	(928)	(965)	(1,009)
1992	(1,368)	(1,259)	(1,426)	(1,258)	(1,141)	(1,131)	(1,164)	(1,153)	(951)	(947)	(975)	
Consumption												
1990	1,984	1,809	1,955	1,907	1,771	1,822	1,771	1,654	1,444	1,632	1,563	1,538
1991	1,839	1,815	1,804	1,760	1,785	1,761	1,761	1,778	1,759	1,693	1,759	1,817
1992	2,173	2,124	2,315	2,172	2,032	1,895	2,126	2,057	1,769	1,854	1,882	

Historical Data 1987 - Present

Total Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments - Includes Other Related												
1987	18,926	19,165	19,222	19,125	19,075	19,527	20,111	19,626	20,161	19,987	20,209	20,477
1988	19,922	20,358	20,587	20,634	20,745	21,223	21,148	21,160	21,502	20,795	20,761	21,639
1989	22,151	21,287	21,908	21,913	21,744	21,794	21,061	21,941	21,883	21,110	21,542	21,876
1990	21,686	22,425	22,171	22,038	22,564	22,443	22,410	22,534	22,236	22,935	21,961	21,857
1991	22,003	22,049	21,761	22,309	22,589	22,638	22,727	22,997	22,480	23,484	23,738	22,599
1992	23,381	23,622	23,708	23,648	23,281	24,063	24,458	23,537	24,217	24,323	24,677	25,120
New Orders - Does Not Included Other Related												
1987	13,972	14,485	14,418	16,633	15,207	16,781	16,883	15,983	16,846	16,540	16,485	16,366
1988	16,346	16,294	15,849	14,419	17,699	15,483	16,303	16,520	16,339	15,205	15,791	17,964
1989	17,488	16,177	15,950	16,136	15,369	16,450	16,009	16,328	17,784	16,459	17,571	18,202
1990	17,249	16,490	17,299	17,291	17,901	16,745	17,367	17,139	17,169	17,251	15,642	16,696
1991	16,063	18,164	15,695	16,642	17,348	15,780	17,550	17,431	16,555	17,191	16,888	16,265
1992	18,408	17,295	17,465	16,816	17,265	17,619	18,418	17,890	19,196	18,446	19,085	20,573
Inventories - Does Not Include Other Related												
1987	35,479	35,354	35,294	35.490	35,846	36,035	35,999	36,223	36,440	36,730	37,166	37,475
1988	36,411	36,462	36,435	36,209	36,381	36,304	36,402	36,663	36,796	36,858	37,162	38,531
1989	40,623	41,113	41,228	41,541	41,577	41,604	42,033	42,269	41,970	42,063	42,306	41,735
1990	41,755	41,743	41,587	41,807	41,820	41,420	41,626	41,625	41,568	41,337	41,110	40,171
1991	40,528	40,407	40,048	40,356	40,010	39,509	39,748	39,432	39,278	39,090	38,622	38,268
1992	38,263	37,840	37,714	37,534	37,462	37,457	37,253	37,494	37,312	37,042	37,026	36,747
Unfilled Orders - Does Not Include Other Related												
1987	90,795	90,242	89,479	90,987	91,081	92,244	92,880	92,976	93,611	94,116	94,315	94,103
1988	92,887	93,045	92,617	90,730	92,057	90.645	90,147	89,953	89,275	88,232	87,782	88,783
1989	92,073	91,519	90,074	88,824	86,973	85,882	85,118	84,243	84,531	84,070	84,538	85,423
1990	84,088	83,093	83,355	83,507	84,059	83,657	83,596	83,403	83,298	82,670	81,132	80,600
1991	78,613	79,843	78,696	78,307	78,294	76,888	77,086	76,975	76,465	75,764	74,623	73,620
1992	74,102	73,519	73,029	71,889	71,301	70,519	70,008	69,667	69,961	69,561	69,709	70,797

Historical Data 1990 - Present

Total Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1990	6,106	5,759	6,369	6,179	5,879	6,156	6,148	6,025	5,617	6,047	5,961	5,825
1991	6,287	6,379	6,347	6,483	6,430	6,403	6,489	6,528	6,544	6,707	6,586	8,633
1992	6,755	6,923	7,622	7,082	7,034	7,679	7,385	7,563	7,742	7,645	7,581	
						Inventories						
1990	5,275	5,381	5,835	5,346	5,552	5,953	5,701	5,805	5,814	5,845	5,437	5,700
1991	6,039	5,831	6,228	6,074	6,186	6,112	5,890	5,942	6,126	6,190	6,196	6,047
1992	5,976	6,425	6,291	6,147	6,336	6,554	6,388	6,145	6,981	7,076	6,521	
						Balance of Trade						
1990	(831)	(378)	(534)	(833)	(327)	(203)	(447)	(220)	197	(202)	(524)	(125)
1991	(248)	(548)	(119)	(409)	(244)	(291)	(599)	(586)	(418)	(517)	(390)	(2,586)
1992	(779)	(498)	(1,331)	(935)	(698)	(1,125)	(997)	(1,418)	(761)	(569)	(1,060)	
						Consumption						
1990	18,685	18,458	18,275	18,606	18,507	18,050	18,523	18,227	17,717	18,677	18,385	18,007
1991	17,926	18,245	17,724	18,214	18,302	18,371	18,648	18,892	18,250	19,067	19,222	20,786
1992	19,421	19,194	20,221	19,787	19,408	20,330	20,799	20,392	20,468	20,119	20,750	

Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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U.S. Electronics Industry Summary

U.S. Factory Sales January 1993

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	24,719	25,368	-2.6%	20,586	19,476	5.7%

Electronics Foreign Trade Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	7,748	7,581	2.2%	8,195	7,038	16.4%	88,431	77,428	14.2%
Exports	7,027	6,521	7.8%	7,209	6,214	16.0%	77,889	72,926	6.8%
Balance	(721)	(1,060)	-32.0%	(986)	(824)	19.7%	(10,543)	(4,502)	NA

Bilateral Trade Summary December 1992

(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	30,569	34.5%	8,086	10.4%	(22,483)
Canada	6,444	7.3%	12,945	16.6%	6,501
Singapore	8,172	9.2%	3,841	4.9%	(4,331)
Mexico	5,772	6.5%	5,770	7.4%	(2)
Taiwan	7,892	8.9%	3,254	4.2%	(4,638)
S. Korea	5,656	6.4%	2,700	3.5%	(2,956)
U.K.	2,357	2.7%	6,007	7.7%	3,650
Germany	2,539	2.9%	5,300	6.8%	2,761
Malaysia	5,471	6.2%	2,218	2.8%	(3,253)
France	1,100	1.2%	2,888	3.7%	1,788
Other	12,575	14.2%	24,947	32.0%	12,372

Electronics Employment Summary December 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.
PRODUCTION WORKERS	835.5	839.1	-0.4%	836.8	864.1	-3.2%
ALL EMPLOYEES	1,774.1	1,774.1	NA	1,768.0	1,860.4	-5.0%
HOURLY WAGE INDEX	NA	NA		117.2	112.7	3.9%

Electronics Producer Price Index January 1993

(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	93.9	95.1	-1.2%	93.8	0.1%

U.S. Electronics Economic Summary

- Factory sales down 2.6% from prior month in January
- Seasonally adjusted imports up 2.2% from prior month, exports up 7.8%
- Imports up 14.2%, exports up 6.8% full year 1992
- Total employment unchanged from prior month
- Production worker hourly wage index up 3.9% from prior year
- Factory price index up 0.1% from prior month in January

Electronic Components
U.S. Factory Data January 1993
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	5,066	5,520	-8.2%	4,681	4,421	5.9%
New Orders	5,836	5,662	3.1%	5,666	4,735	19.6%
Production	5,076	5,640	-10.0%	4,744	4,367	8.6%
Inventory	8,094	8,085	0.1%	8,013	7,922	1.2%
Unfilled Orders	14,600	13,830	5.6%	14,439	12,737	13.4%
Book/Bill Ratio	1.15	1.03	12.3%	1.21	1.07	13.0%
Inv/Sales Ratio	1.60	1.46	9.1%	1.71	1.79	-4.5%
Unf/Sales Ratio	2.88	2.51	15.0%	3.08	2.88	7.1%
Prod/Sales Ratio	1.00	1.02	-2.0%	1.01	0.99	2.6%

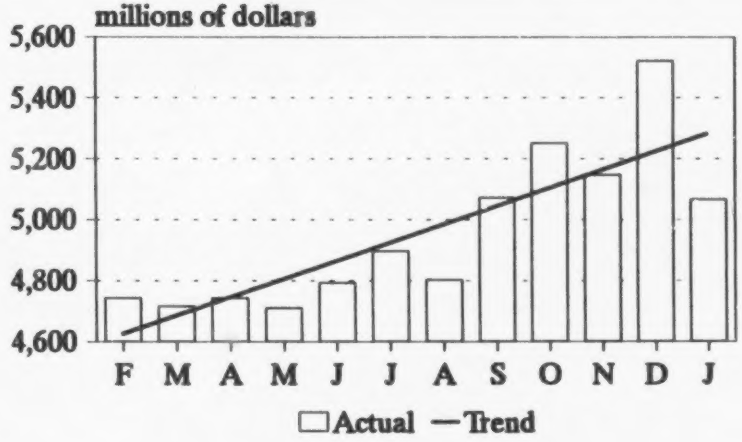
Electronic Components Economic Summary

- Factory sales down 8.2% from prior month in January
- New orders up 3.1% from prior month
- Inventory up 0.1% from prior month, up 1.2% from prior year
- Imports up 4.7% from prior month, exports up 3.3%
- Imports up 11.2%, exports up 8.1% full year 1992
- Total employment down 2.3% from prior year
- Production worker hourly wage index up 4.9% from prior year
- Factory price index up 0.1% from prior month in January

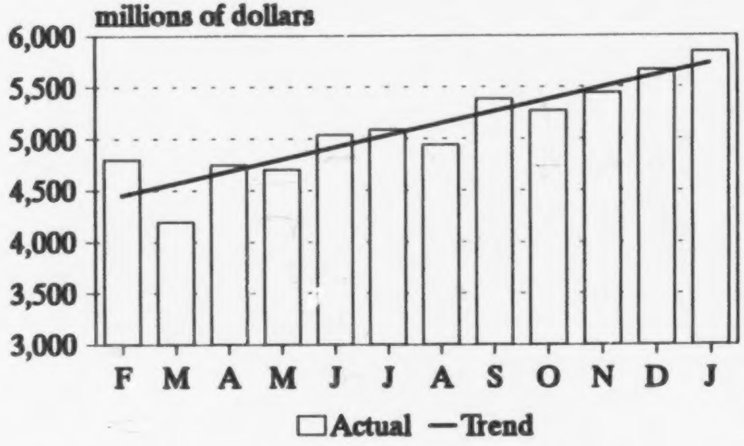
Electronics Components U.S Factory Trends January 1993

(all data seasonally adjusted)

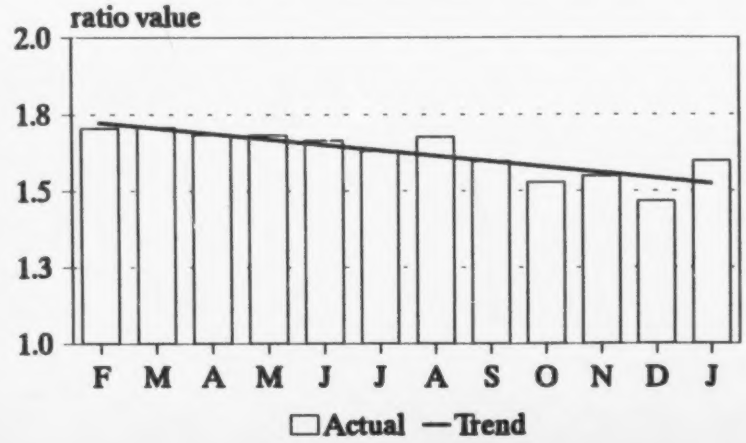
Factory Sales



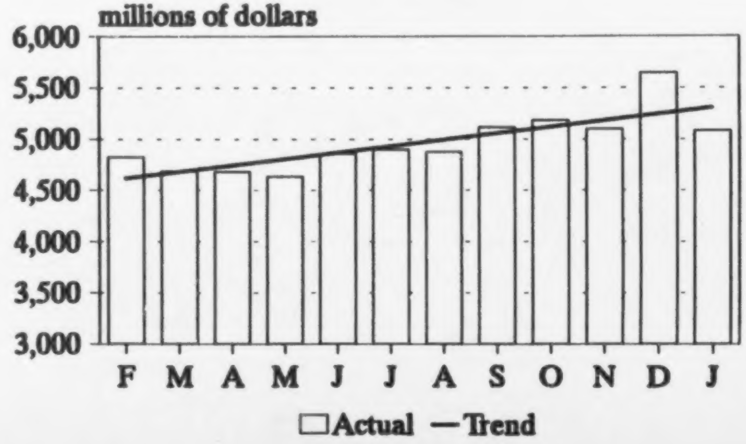
New Orders



Inventory/Sales Ratio



Production



Electronic Components Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	47	45	4.4%	45	41	9.8%	618	545	13.4%
Passive Components	757	761	-0.5%	735	699	5.2%	8,839	8,772	0.8%
Solid State Products	1,381	1,280	7.9%	1,374	1,119	22.8%	15,489	13,121	18.0%
Total Components	2,185	2,086	4.7%	2,154	1,859	15.9%	24,946	22,438	11.2%
EXPORTS									
Electron Tubes	53	56	-5.4%	51	47	8.5%	693	655	5.9%
Passive Components	501	495	1.2%	472	410	15.1%	5,731	5,756	-0.4%
Solid State Products	1,474	1,413	4.3%	1,400	1,074	30.4%	16,178	14,502	11.6%
Total Components	2,028	1,964	3.3%	1,923	1,531	25.6%	22,602	20,913	8.1%
BALANCE									
Electron Tubes	6	11	NA	6	6	NA	75	109	-31.4%
Passive Components	(256)	(266)	-3.8%	(263)	(289)	-9.0%	(3,107)	(3,016)	3.0%
Solid State Products	93	133	NA	26	(45)	NA	689	1,382	-50.1%
Total Components	(157)	(122)	28.7%	(231)	(328)	-29.6%	(2,343)	(1,525)	53.7%

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	7,034,225	28.2%	Canada	4,523,523	20.0%
Canada	2,526,776	10.1%	Mexico	2,253,521	10.0%
Mexico	2,421,169	9.7%	Japan	1,853,624	8.2%
Malaysia	2,244,750	9.0%	Singapore	1,845,628	8.2%
S. Korea	2,192,230	8.8%	Malaysia	1,720,596	7.6%
Taiwan	2,068,009	8.3%	Taiwan	1,497,719	6.6%
Singapore	1,701,020	6.8%	U.K.	1,446,584	6.4%
Philippines	826,399	3.3%	Hong Kong	1,106,584	4.9%
Hong Kong	671,907	2.7%	S. Korea	1,101,879	4.9%
Germany	652,942	2.6%	Philippines	683,965	3.0%
Other	2,608,374	10.5%	Other	4,570,461	20.2%

Import/Export Product Summary December 1992

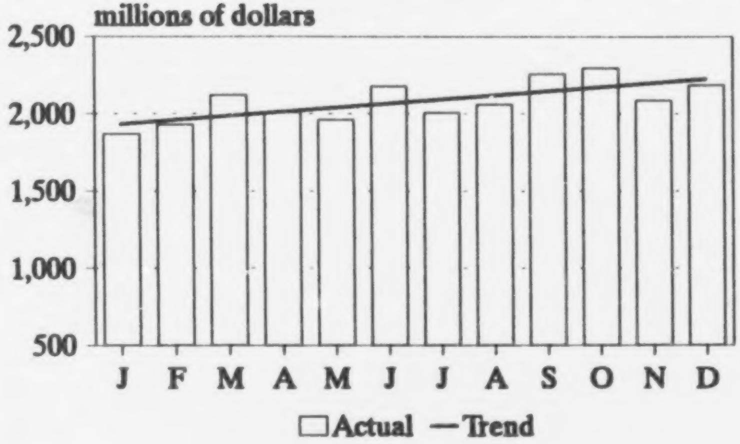
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	31,221	34,647	3,426	444,862	476,886	32,025
Receiving Tubes	602	515	(87)	3,377	6,381	3,004
Power and Special Purpose Tubes	13,218	15,482	2,264	170,748	210,204	39,456
Capacitors	56,407	46,153	(10,254)	613,651	586,670	(26,981)
Resistors	35,315	17,749	(17,566)	395,121	218,330	(176,791)
Relays	40,903	27,334	(13,569)	448,333	336,848	(111,485)
Connectors	46,207	33,543	(12,664)	533,225	379,144	(154,081)
Electronic Wire	79,125	102,280	23,156	968,186	1,069,326	101,140
Transformers	13,623	3,299	(10,323)	146,570	39,790	(106,781)
Power Supplies	96,931	14,324	(82,607)	1,051,134	152,663	(898,471)
Printed Circuits and Boards	85,390	74,214	(11,176)	1,242,600	1,146,117	(96,482)
Parts of TV/Audio Apparatus	192,142	121,319	(70,823)	2,422,168	1,409,246	(1,012,922)
Indicator Panels	33,771	5,659	(28,112)	378,005	53,999	(324,006)
Switches	12,533	1,825	(10,707)	169,121	27,890	(141,231)
Piezoelectric Crystals	17,934	4,177	(13,756)	174,506	49,165	(125,342)
Other Parts	24,305	20,101	(4,203)	296,930	261,909	(35,021)
Integrated Circuits						
EPROMs	57,611	25,056	(32,555)	618,581	276,145	(342,436)
Microprocessors	129,054	177,112	48,057	1,066,656	1,561,688	495,032
DRAMs	235,951	87,845	(148,106)	3,366,913	1,386,193	(1,980,720)
SRAMs	67,059	26,923	(40,136)	668,653	283,803	(384,850)
Analog	106,164	63,755	(42,409)	1,282,521	716,991	(565,529)
Other	478,231	312,129	(166,101)	5,296,886	3,545,233	(1,751,653)
Diodes	32,764	17,304	(15,460)	379,967	181,288	(198,679)
Transistors	49,931	4,756	(45,175)	552,075	64,578	(487,497)
Chips, Wafers, and Parts all Types	184,720	662,237	477,517	1,911,511	7,914,288	6,002,777
Other Semiconductor Devices	29,862	17,253	(12,609)	327,202	200,532	(126,670)
Solar Cells	2,831	5,575	2,744	18,300	48,777	30,476
Total	2,153,804	1,922,569	(231,235)	24,947,801	22,604,084	(2,343,717)

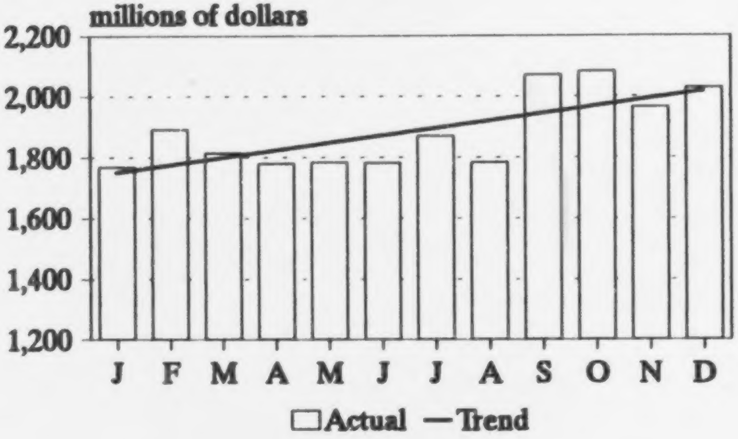
Electronic Components Trade Trends December 1992

(all data seasonally adjusted)

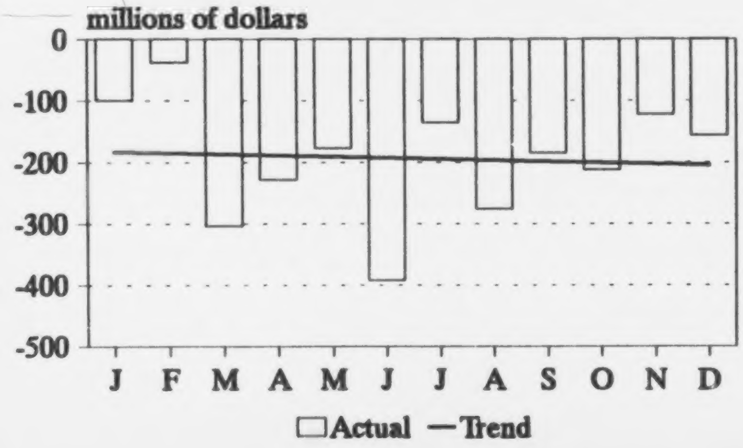
Imports



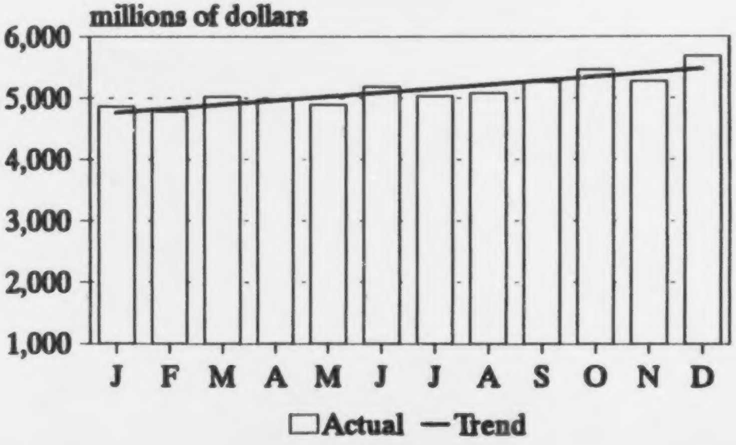
Exports



Balance of Trade



Consumption



Electronic Component Employment December 1992

(thousands of workers)

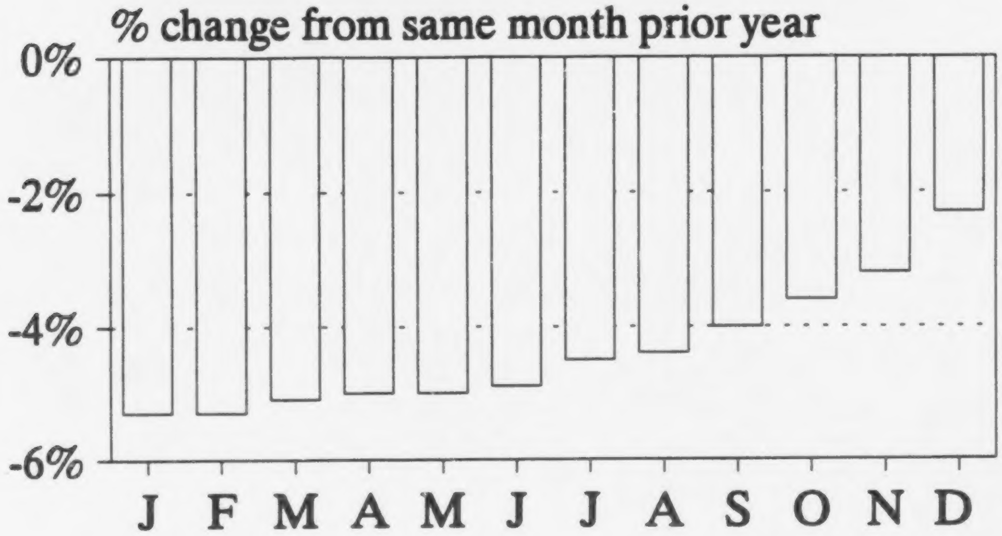
	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	345.9	342.8	0.9%	345.1	0.2%
Electron Tubes	16.5	16.5	NA	17.5	-5.7%
Semiconductors	92.9	88.8	4.6%	92.7	0.2%
Other	236.5	237.5	-0.4%	234.9	0.7%
ALL EMPLOYEES	590.2	604.1	-2.3%	590.6	-0.1%
Electron Tubes	24.7	25.3	-2.4%	25.8	-4.3%
Semiconductors	221.1	228.8	-3.4%	221.4	-0.1%
Other	344.4	350.0	-1.6%	343.4	0.3%
HOURLY WAGE INDEX	120.8	115.1	4.9%	118.0	2.4%
ANNUAL SALES/EMP	$99,209	$89,942	10.3%	$98,027	1.2%

Electronic Component Producer Price Indices January 1993

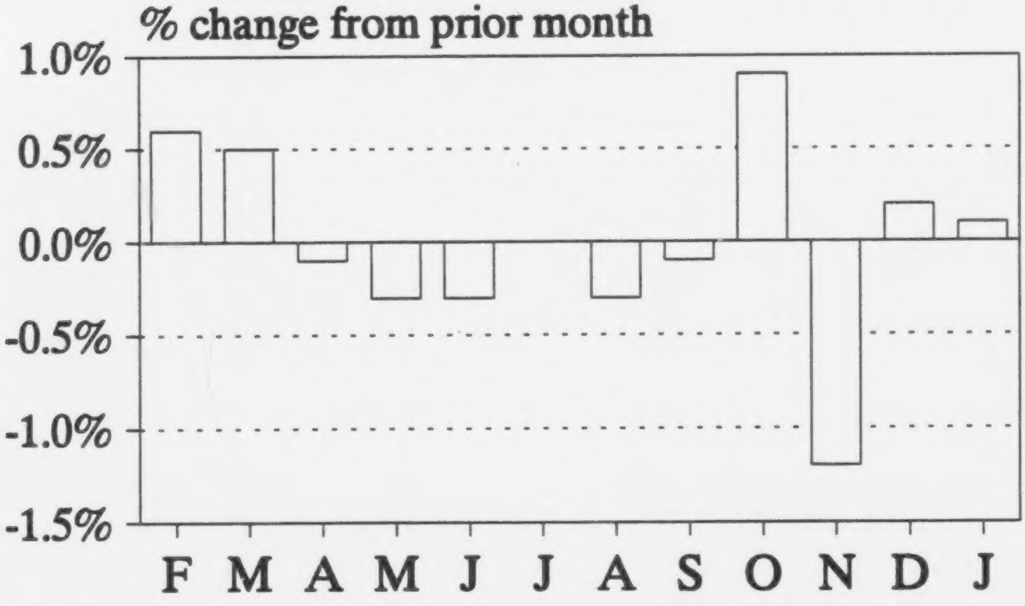
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	98.9	98.9	NA	98.8	0.1%
CRTs	98.2	98.7	-0.5%	98.2	NA
Capacitors	98.7	99.2	-0.5%	97.1	1.7%
Resistors	99.2	98.8	0.4%	99.5	-0.3%
Relays	111.8	103.0	8.6%	111.7	0.1%
Switches	103.1	99.9	3.2%	103.2	-0.1%
Connectors	107.8	105.9	1.8%	107.5	0.2%
Filters	107.7	104.8	2.8%	105.6	2.0%
Antennae	89.9	89.1	0.9%	89.1	0.9%
Diodes	98.4	99.3	-0.9%	98.5	-0.1%
Transistors	101.3	98.5	2.8%	101.6	-0.3%
Semiconductors	93.8	95.2	-1.5%	94.2	-0.5%
Printed Circuits	98.8	99.3	-0.5%	99.0	-0.3%
Electronic Wire	99.9	100.0	-0.1%	99.8	0.1%

Electronic Components
All Employees December 1992



Electronic Components
Composite Price Index January 1993



Domestically-Produced Consumer Electronics
U.S. Factory Data January 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	882	913	-3.4%	719	677	6.3%
Inventory	1,293	1,325	-2.4%	1,382	1,504	-8.1%
Inv/Sales Ratio	1.47	1.45	0.9%	1.92	2.22	-13.5%

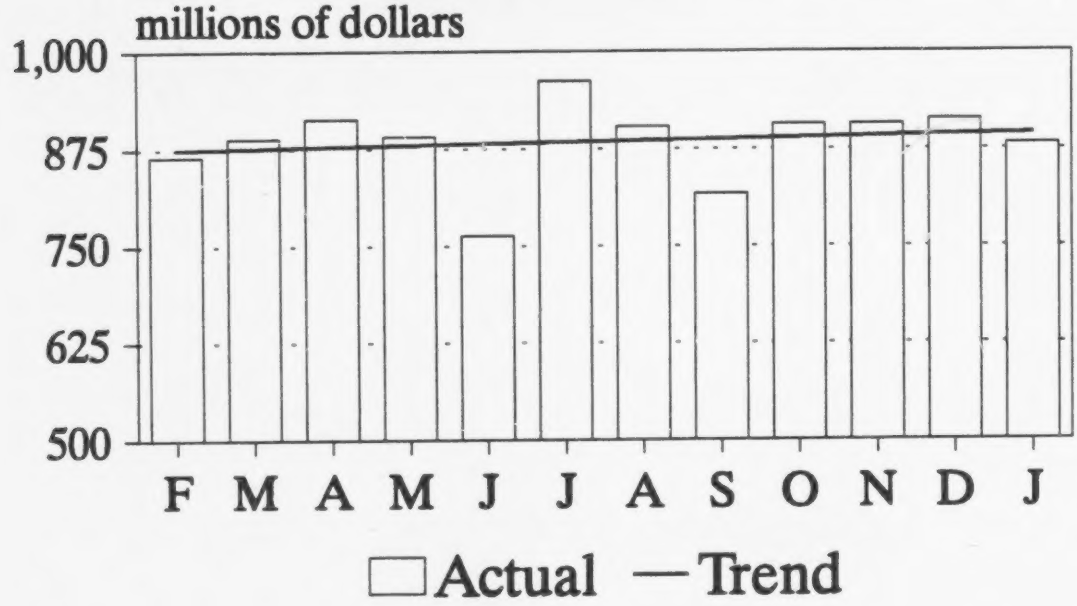
Total Consumer Electronics Sales Including Imports
January 1993

(not seasonally adjusted millions of dollars)

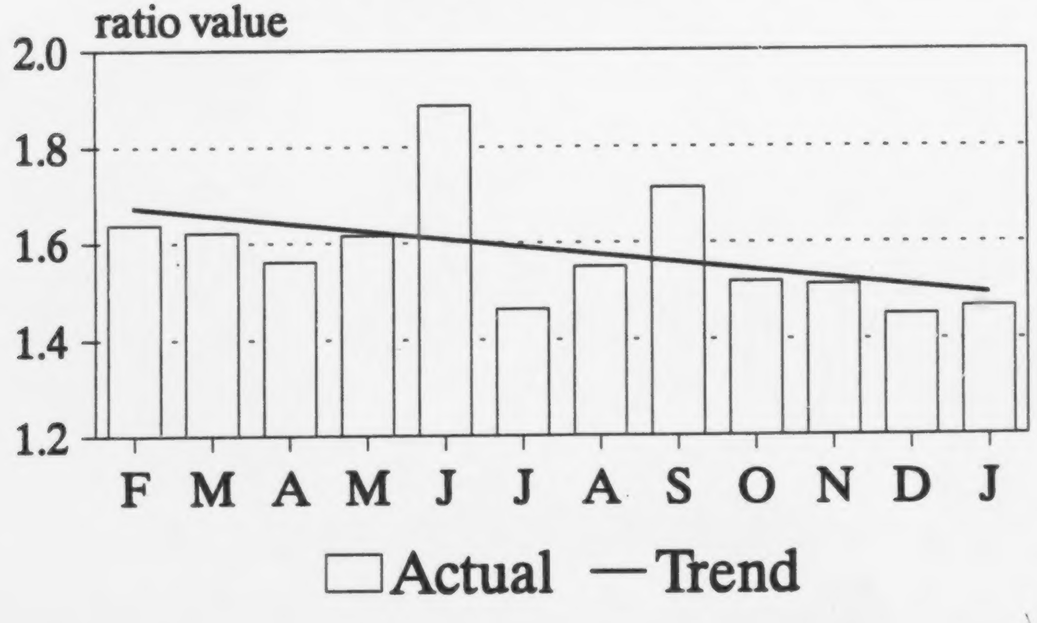
	Jan 93	Jan 92	% ch.
VIDEO PRODUCTS	885	763	16.0%
Color TVs	441	361	22.3%
Projection TV	58	51	13.4%
TV/VCR	29	26	11.6%
VCR Decks	211	188	12.0%
Camcorders	111	104	6.5%
Other	35	32	8.2%
AUDIO PRODUCTS	651	651	-0.1%
Portable	152	159	-4.0%
Home Components	113	127	-11.1%
Autosound	291	279	4.3%
Audio Systems	95	87	8.8%
HOME INFORMATION EQUIPMENT	885	833	6.2%
BLANK MEDIA AND ACCESSORIES	320	318	0.4%
TOTAL	2,740	2,566	6.8%

Domestically Produced Consumer Electronics U.S. Factory Trends January 1993

Factory Sales



Inventory/Sales



Consumer Electronics Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,160	1,223	-5.2%	1,309	1,402	-6.6%	16,292	14,800	10.1%
Exports	260	248	4.8%	283	255	11.0%	3,081	2,670	15.4%
Balance	(900)	(975)	-7.7%	(1,026)	(1,147)	-10.5%	(13,210)	(12,130)	8.9%

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	7,499,922	46.0%	Canada	797,350	25.9%
Malaysia	1,663,270	10.2%	Mexico	502,643	16.3%
Mexico	1,636,038	10.0%	Japan	249,460	8.1%
S. Korea	1,607,290	9.9%	Taiwan	139,351	4.5%
China	1,186,226	7.3%	Germany	131,064	4.3%
Taiwan	681,662	4.2%	U.K.	116,259	3.8%
Singapore	671,024	4.1%	Netherlands	97,574	3.2%
Thailand	569,471	3.5%	Argentina	91,582	3.0%
Indonesia	172,157	1.1%	Venezuela	82,396	2.7%
Hong Kong	159,455	1.0%	Hong Kong	80,397	2.6%
Other	444,213	2.7%	Other	792,777	25.7%

Import/Export Product Summary December 1992

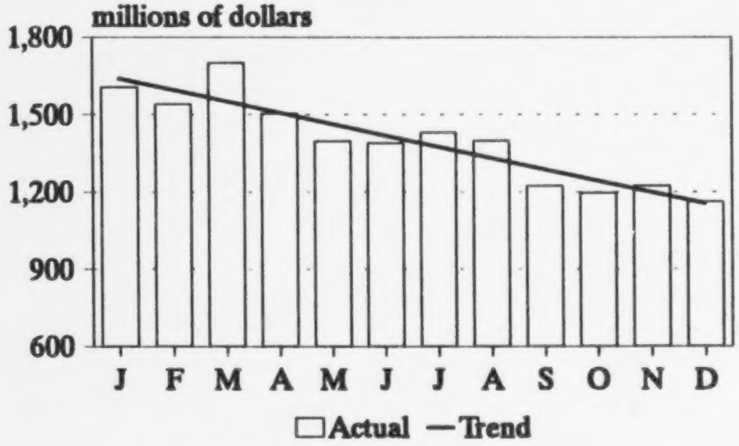
(not seasonally adj thousands of dollars)

		Month			Year-to-Date	
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	170,200	49,629	(120,571)	1,997,378	522,847	(1,474,530)
Monochrome TV Receivers	10,087	4,950	(5,137)	105,581	58,352	(47,229)
VCR Decks	196,661	16,372	(180,290)	3,069,512	204,306	(2,865,207)
Camcorders	110,134	0	(110,134)	1,494,718	0	(1,494,718)
Videocassette Players	10,563	0	(10,563)	118,532	0	(118,532)
Laserdisc Players	25,089	5,838	(19,251)	201,780	71,305	(130,475)
Portable Audio Equipment	53,555	9,588	(43,967)	1,189,304	98,012	(1,091,293)
Separate Audio Components	199,917	98,484	(101,433)	2,729,189	1,053,095	(1,676,094)
Home Radios	14,776	636	(14,140)	166,981	5,928	(161,052)
Home Radio/Tape Combinations	97,078	4,392	(92,686)	1,213,003	48,422	(1,164,581)
Autosound Equipment	101,561	25,605	(75,956)	1,366,646	291,947	(1,074,699)
Blank Media	67,616	33,131	(34,486)	785,785	418,503	(367,282)
Video Games	251,577	34,225	(217,352)	1,852,319	308,138	(1,544,182)
Total	1,308,815	282,848	(1,025,968)	16,290,728	3,080,853	(13,209,875)

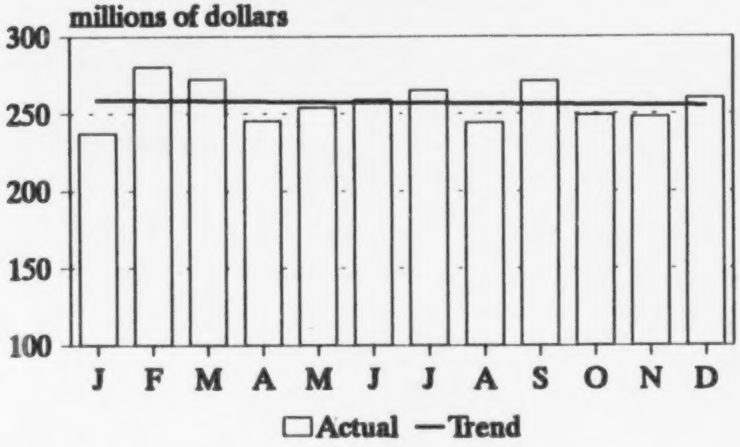
Consumer Electronics Trade Trends December 1992

(all data seasonally adjusted)

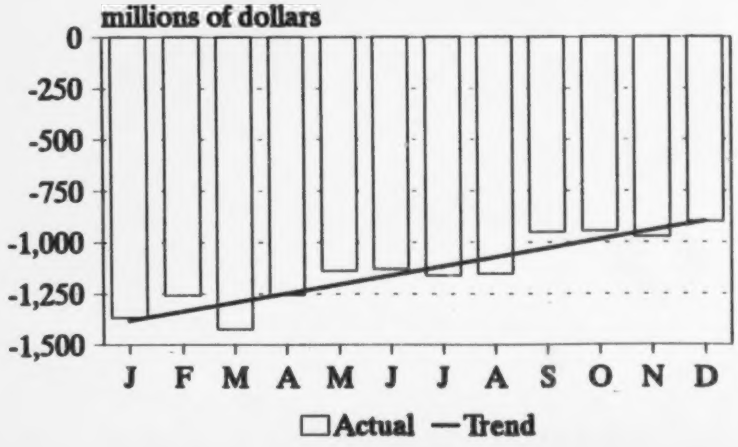
Imports



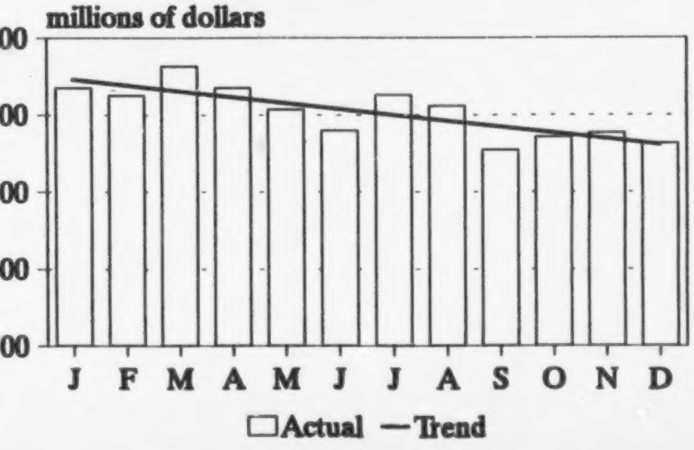
Exports



Balance of Trade



Consumption



Consumer Electronics Employment December 1992

(thousands of workers)

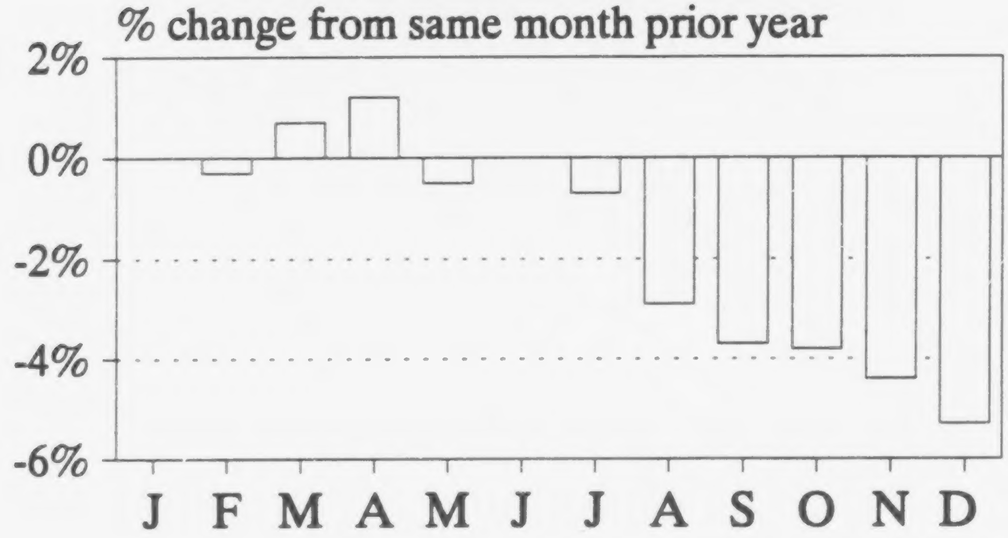
	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	37.8	41.0	-7.8%	38.6	-2.1%
ALL EMPLOYEES	59.4	62.7	-5.3%	60.5	-1.8%
HOURLY WAGE INDEX	115.9	116.5	-0.5%	116.6	-0.6%
ANNUAL SALES/EMP	$174,045	$147,043	18.4%	$171,546	1.5%

Consumer Electronics Producer Price Indices January 1992

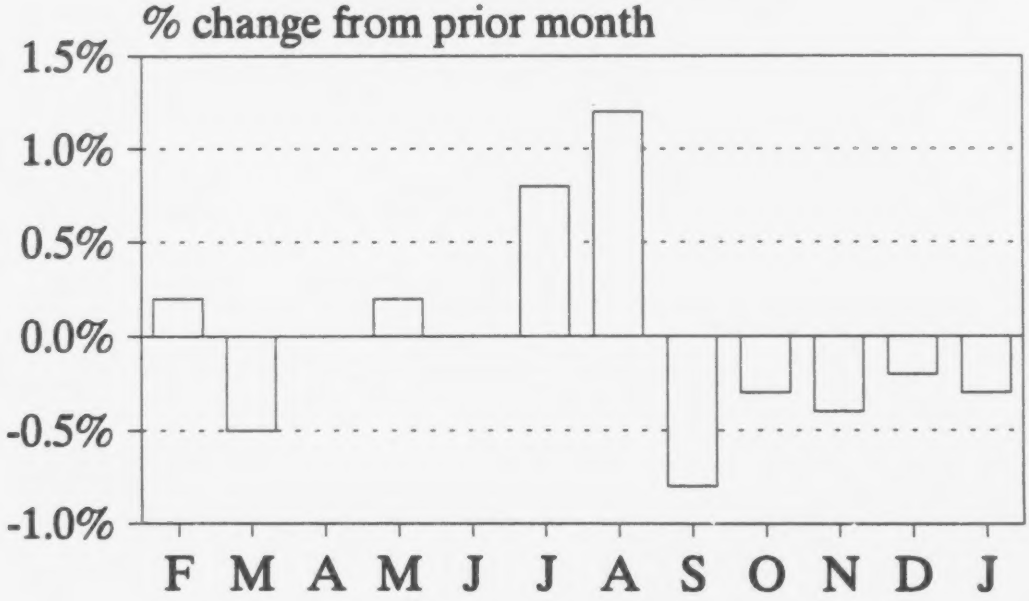
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	94.2	94.5	-0.2%	94.5	-0.3%
Home Audio	85.3	86.9	-1.9%	85.4	-0.2%
Portable Audio	90.7	101.0	-10.2%	90.7	-0.1%
Autosound	90.8	93.4	-2.7%	92.5	-1.8%
Audio Systems	93.1	88.1	5.7%	95.3	-2.3%
Color TV	95.2	98.3	-3.2%	95.3	-0.1%
Projection TV	100.6	96.5	4.3%	98.6	2.0%
VCR Decks	102.3	97.5	4.9%	101.4	0.9%
Camcorders	89.0	91.2	-2.4%	88.1	1.0%

Consumer Electronics
All Employees December 1992



Consumer Electronics
Composite Price Index January 1993



Telecommunications Equipment
U.S. Factory Data January 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	3,227	3,754	-14.0%	2,754	2,613	5.4%
New Orders	3,108	3,958	-21.5%	2,667	2,604	2.4%
Production	3,584	3,948	-9.2%	3,177	2,754	15.4%
Inventory	7,968	7,612	4.7%	7,953	7,341	8.3%
Unfilled Orders	12,365	12,484	-1.0%	12,362	12,266	0.8%
Book/Bill Ratio	0.96	1.05	-8.7%	0.97	1.00	-2.8%
Inv/Sales Ratio	2.47	2.03	21.8%	2.89	2.81	2.8%
Unf/Sales Ratio	3.83	3.33	15.2%	4.49	4.69	-4.4%
Prod/Sales Ratio	1.11	1.05	5.6%	1.15	1.05	9.5%

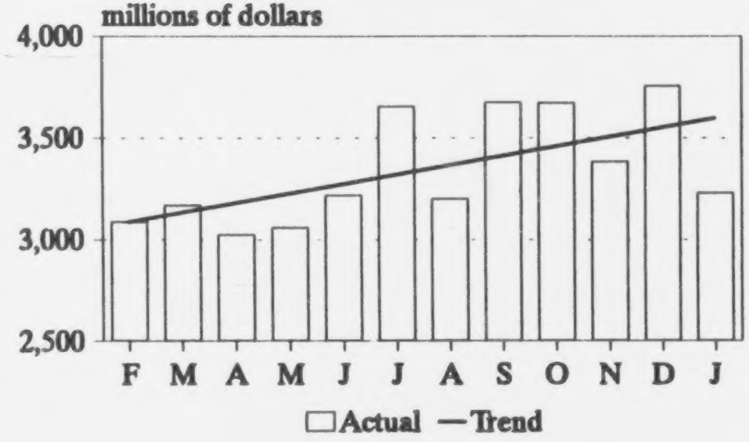
Telecommunications Economic Summary

- Factory sales down 14% from prior month in January
- New orders down 21.5% from prior month
- Inventory up 4.7% from prior month, up 8.3% from prior year
- Imports up 4.7% from prior month, exports up 4.3%
- Imports up 13.8%, exports up 15.3% full year 1992
- Total employment down 4.4% from prior year
- Production worker hourly wage index down 2.9% from prior year
- Factory price index up 0.6% from prior month

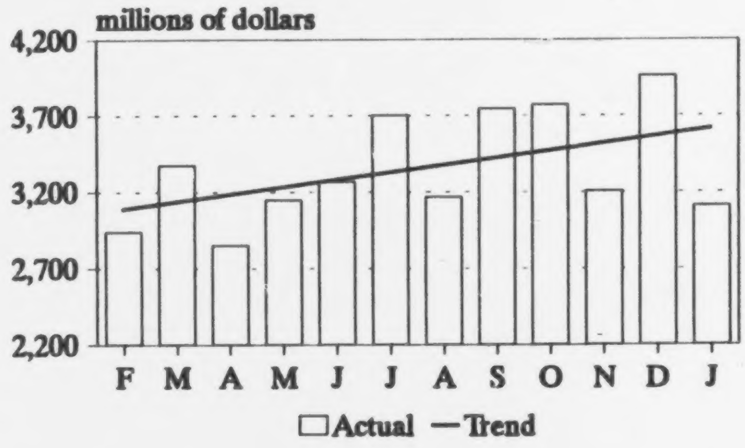
Telecommunications Equipment U.S Factory Trends January 1993

(all data seasonally adjusted)

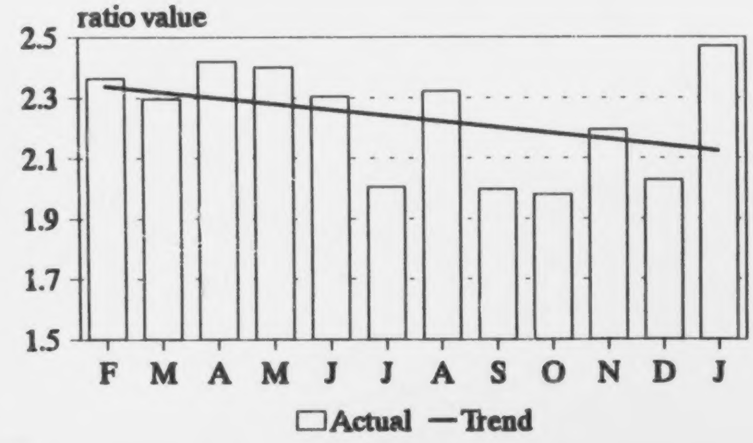
Factory Sales



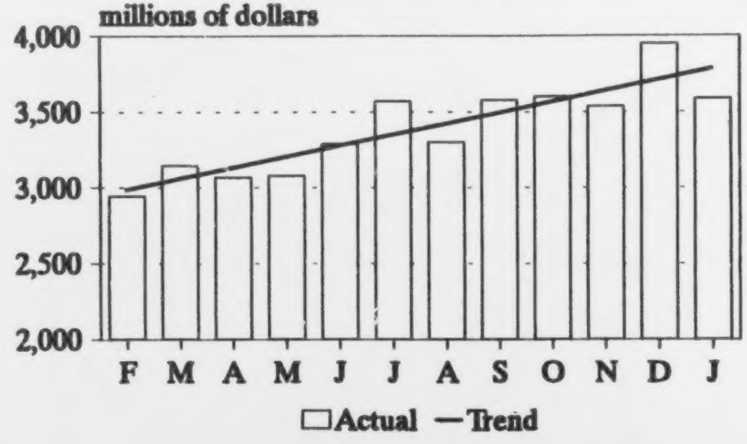
New Orders



Inventory/Sales Ratio



Production



Telecommunications Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	729	696	4.7%	775	669	15.8%	8,279	7,276	13.8%
Exports	758	727	4.3%	750	684	9.6%	8,453	7,331	15.3%
Balance	29	31	-6.5%	(25)	15	NA	174	55	NA

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	2,920,022	35.3%	Canada	1,354,463	16.0%
Canada	995,716	12.0%	Mexico	1,103,301	13.1%
Malaysia	637,824	7.7%	Japan	614,714	7.3%
Taiwan	582,332	7.0%	U.K.	514,049	6.1%
China	576,463	7.0%	Germany	408,388	4.8%
Mexico	409,657	4.9%	Taiwan	357,941	4.2%
S. Korea	349,658	4.2%	S. Korea	326,468	3.9%
Thailand	296,639	3.6%	China	303,988	3.6%
Singapore	265,890	3.2%	Australia	251,471	3.0%
Israel	254,137	3.1%	Italy	206,666	2.4%
Other	989,423	12.0%	Other	3,010,353	35.6%

Import/Export Product Summary December 1992

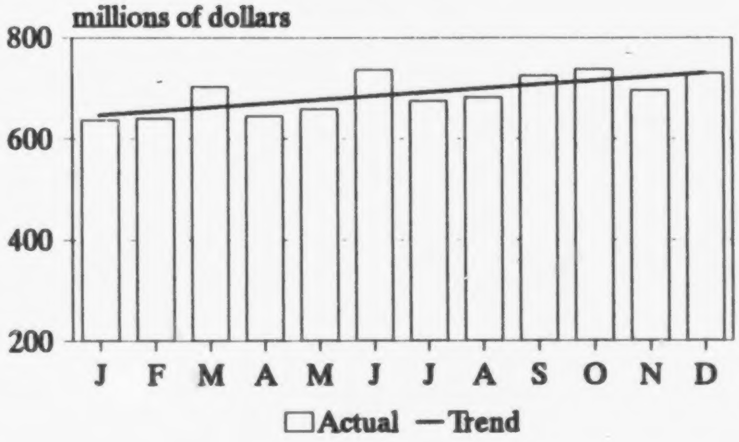
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	87,348	20,643	(66,705)	1,054,203	233,042	(821,161)
Telephonic Apparatus and Parts	143,810	190,804	46,993	1,216,566	1,889,425	672,859
Telegraphic Apparatus and Parts	31,467	79,864	48,397	529,659	812,693	283,035
Radio Transmitters	7,960	38,742	30,782	63,035	329,848	266,813
Radio Receivers	19,443	16,184	(3,259)	214,840	247,070	32,231
Radio Transceivers	57,230	105,804	48,575	619,313	962,332	343,019
Telephone Answering Devices	24,505	11,649	(12,856)	308,492	138,552	(169,940)
TV Transmission/Reception App	163,725	126,956	(36,769)	1,552,409	2,025,216	472,807
Cellular Telephones	47,560	66,990	19,430	409,860	767,763	357,902
Facsimile Machines	83,398	0	(83,398)	968,308	0	(968,308)
Cordless Telephones	78,966	10,377	(68,589)	953,821	133,266	(820,555)
Modems	12,771	38,742	25,971	157,923	385,460	227,536
Paging Alert Devices	782	67	(716)	3,961	886	(3,075)
Fiber Optic Cable	3,264	14,850	11,586	60,576	167,005	106,430
Other Cable and Parts	12,413	27,930	15,517	164,794	359,243	194,449
Total	774,642	749,602	(25,040)	8,277,761	8,451,802	174,041

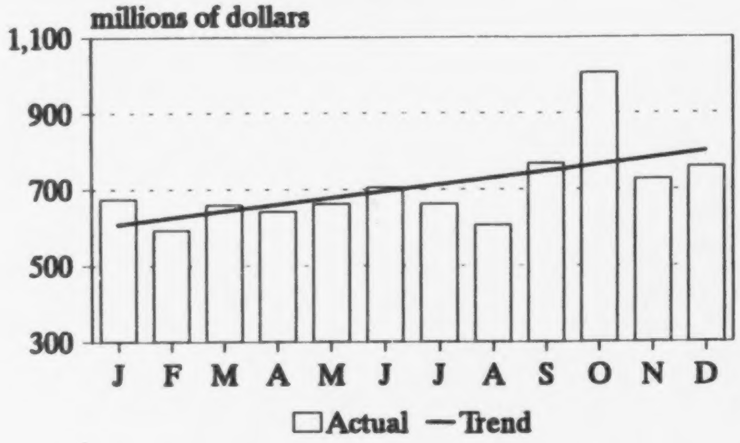
Telecommunications Trade Trends December 1992

(all data seasonally adjusted)

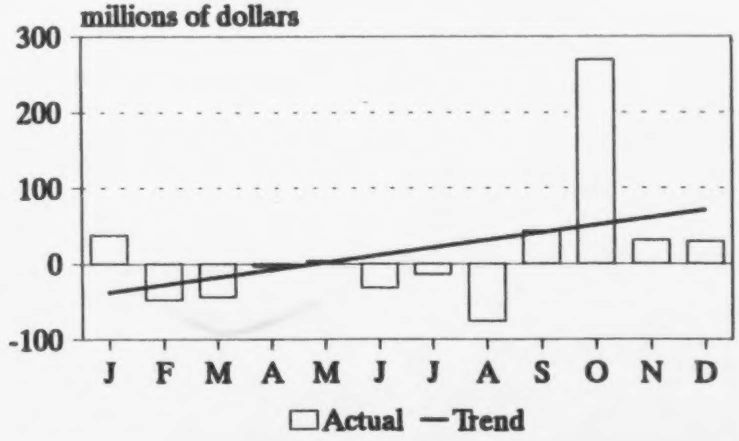
Imports



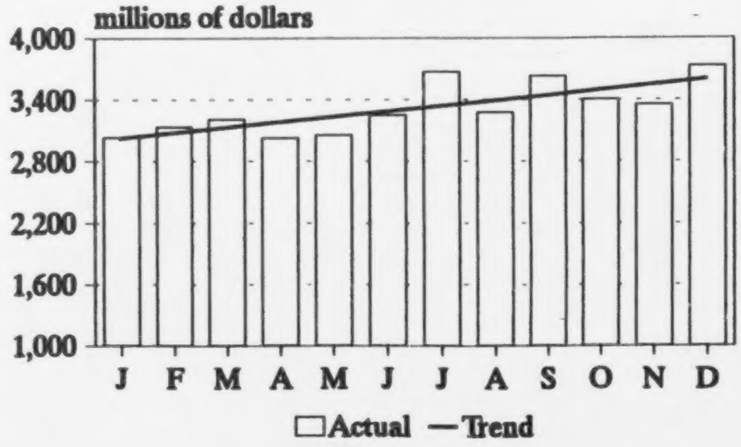
Exports



Balance of Trade



Consumption



Telecommunications Equipment Employment December 1992

(thousands of workers)

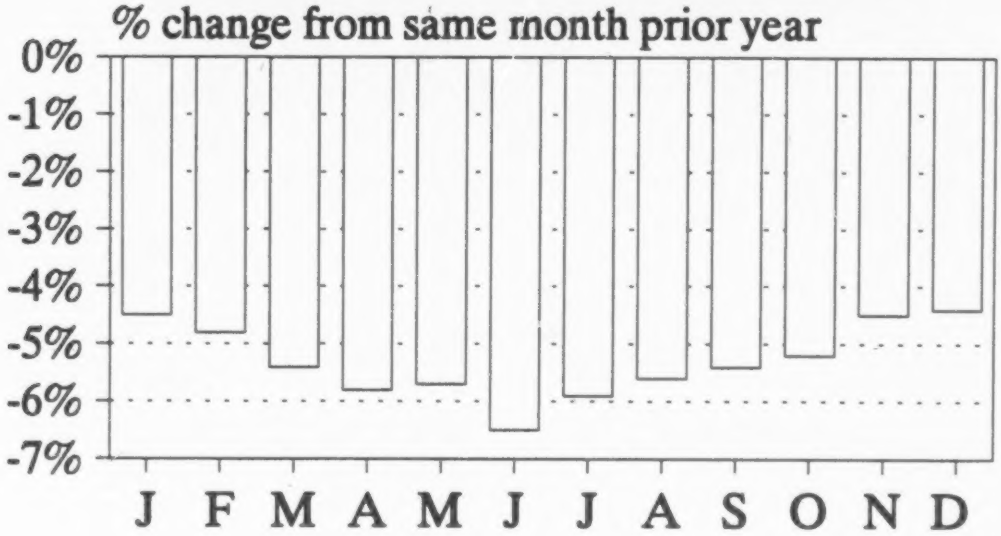
	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	121.4	124.2	-2.3%	121.5	-0.1%
Telephone Equip.	62.6	62.4	0.3%	62.4	0.3%
Other	58.8	61.8	-4.9%	59.1	-0.5%
ALL EMPLOYEES	235.9	246.7	-4.4%	236.2	-0.1%
Telephone Equip.	111.8	116.0	-3.6%	112.1	-0.3%
Other	124.1	130.7	-5.0%	124.1	NA
HOURLY WAGE INDEX	106.3	109.4	-2.9%	108.1	-1.7%
ANNUAL SALES/EMP	$127,664	$107,286	19.0%	$125,079	2.1%

Telecommunications Equipment Producer Price Indices January 1992

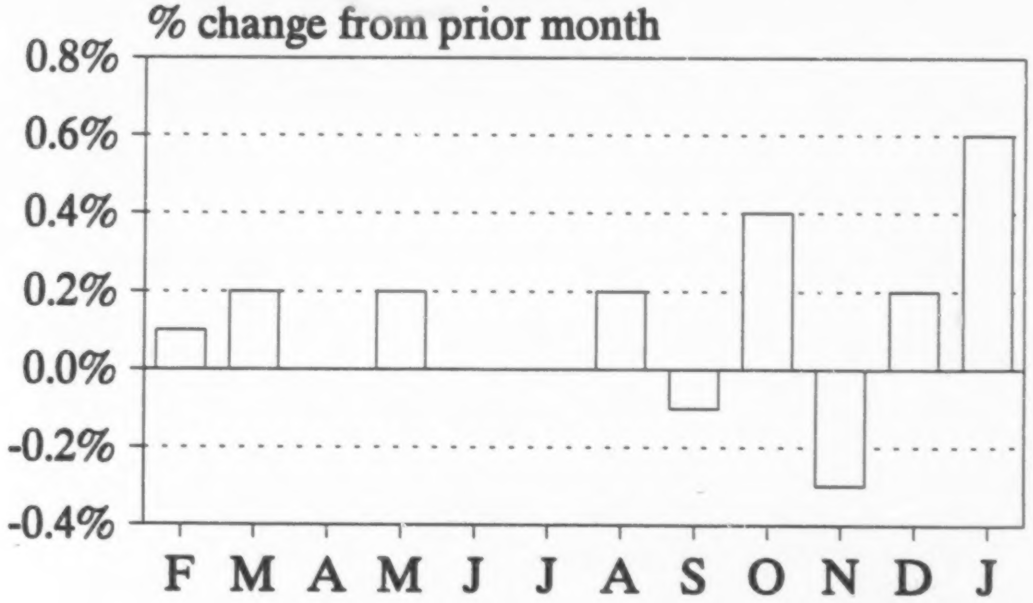
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	104.4	102.7	1.6%	103.7	0.6%
Line Transmission	98.6	98.1	0.4%	98.6	NA
Switching Equipment	104.6	103.8	0.9%	103.8	0.9%
Telephone Sets	90.0	94.2	-4.4%	94.0	-4.2%
Other Telephone	104.8	101.2	3.6%	104.1	0.6%
Broadcast Equipment	103.9	102.1	1.7%	103.5	0.4%
Mobile Communications	106.7	104.6	2.0%	105.7	1.0%
Intercom Systems	102.0	101.8	0.3%	101.7	0.4%
Fiber Optic Cable	104.8	103.9	0.9%	104.7	0.1%

Telecommunications
All Employees December 1992



Telecommunications
Composite Price Index January 1993



Other Specialized Communications
U.S. Factory Data January 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	2,517	2,351	7.1%	2,075	2,016	2.9%
New Orders	2,976	2,985	-0.3%	2,580	2,545	1.4%
Production	2,310	2,317	-0.3%	1,915	1,913	0.1%
Inventory	6,053	6,260	-3.3%	5,853	7,173	-18.4%
Unfilled Orders	33,194	32,734	1.4%	33,574	36,040	-6.8%
Book/Bill Ratio	1.18	1.27	-6.9%	1.24	1.26	-1.5%
Inv/Sales Ratio	2.40	2.66	-9.7%	2.82	3.56	-20.7%
Unf/Sales Ratio	13.19	13.92	-5.3%	16.18	17.88	-9.5%
Prod/Sales Ratio	0.92	0.99	-6.9%	0.92	0.95	-2.8%

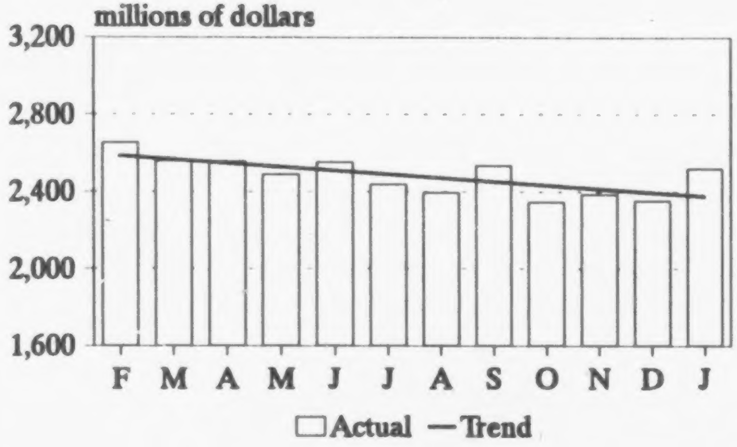
Other Specialized Communications Economic Summary

- Factory sales up 7.1% from prior month in January
- New orders down 0.3% from prior month
- Inventory down 3.3% from prior month, down 18.4% from prior year
- Imports up 14% from prior month, exports up 4.9%
- Imports up 8.7%, exports down 3.4% full year 1992
- Total employment down 11.5% from prior year
- Production worker hourly wage index up 2.8% from prior year
- Factory price index down 0.2% from prior month

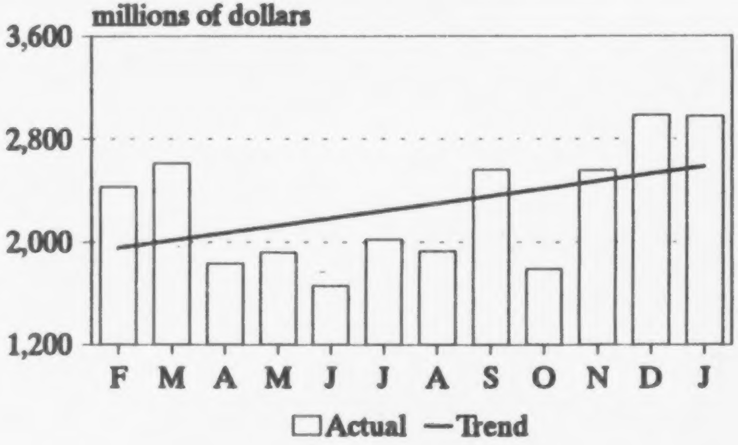
Other Communications U.S Factory Trends January 1993

(all data seasonally adjusted)

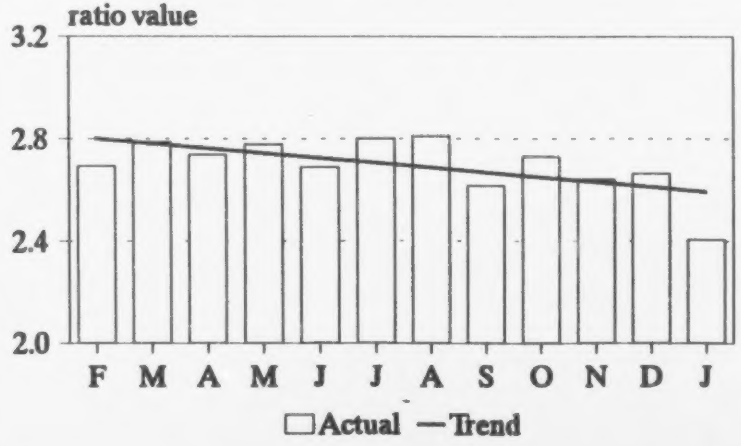
Factory Sales



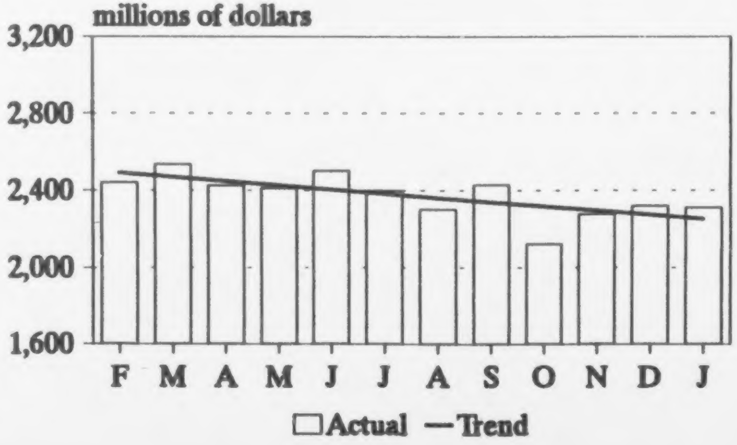
New Orders



Inventory/Sales Ratio



Production



Other Specialized Communications Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	98	86	14.0%	95	74	28.4%	1,120	1,030	8.7%
Exports	193	184	4.9%	203	238	-14.7%	2,496	2,584	-3.4%
Balance	95	98	-3.1%	108	164	-34.1%	1,377	1,555	-11.5%

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	212,180	19.1%	Japan	307,122	12.3%
U.K.	130,052	11.7%	Canada	266,008	10.7%
Japan	128,108	11.5%	U.K.	198,253	7.9%
France	118,443	10.7%	France	186,158	7.5%
Taiwan	115,148	10.4%	Netherlands	154,726	6.2%
Mexico	100,979	9.1%	Taiwan	127,953	5.1%
Germany	56,555	5.1%	Egypt	125,769	5.0%
China	56,473	5.1%	Germany	102,091	4.1%
Israel	43,321	3.9%	Israel	97,678	3.9%
S. Korea	42,044	3.8%	S. Korea	72,739	2.9%
Other	108,470	9.8%	Other	857,700	34.4%

Import/Export Product Summary December 1992

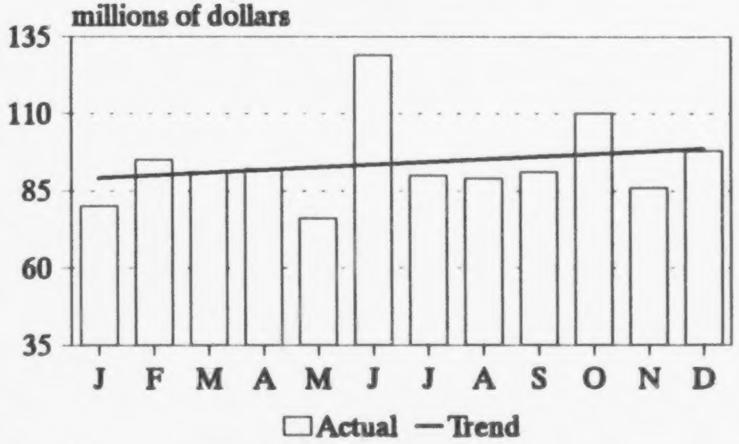
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors and Other Alarms	27,861	14,740	(13,122)	267,299	178,200	(89,099)
Sound/Sight Signaling Apparatus	1,364	8,670	7,306	15,119	66,054	50,936
Radar/Radio Navigational Equipment	65,032	177,990	112,958	817,973	2,231,437	1,413,464
Meteorological/Geophysical App	578	2,046	1,468	11,383	20,506	9,124
Total	94,836	203,446	108,611	1,111,773	2,496,197	1,384,424

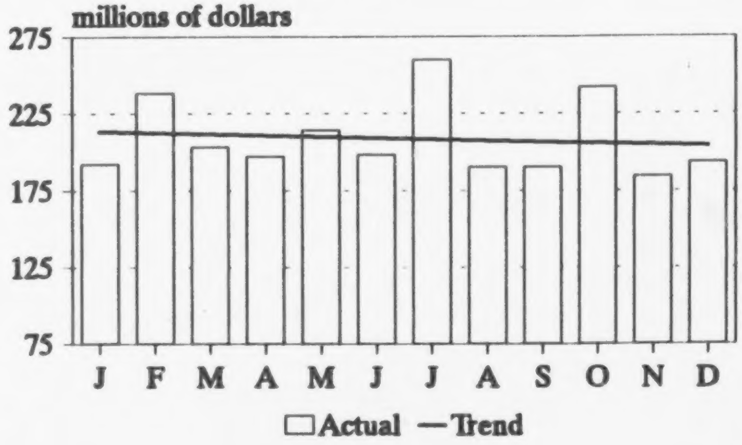
Other Communications Trade Trends December 1992

(all data seasonally adjusted)

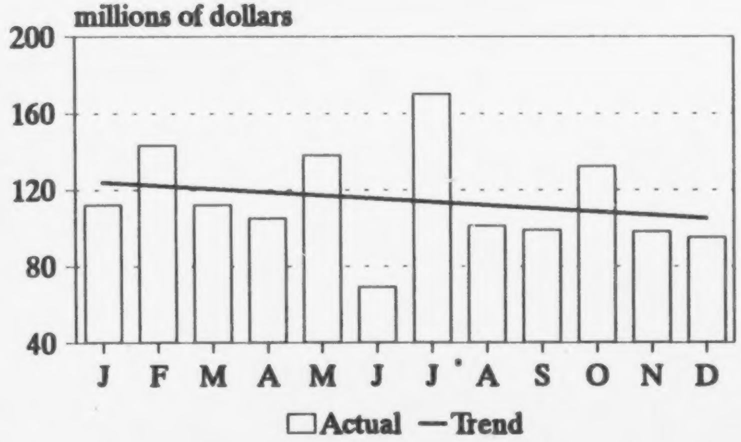
Imports



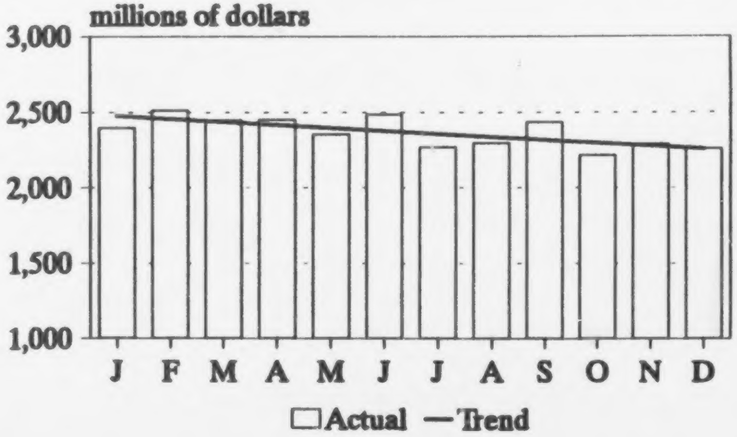
Exports



Balance of Trade



Consumption



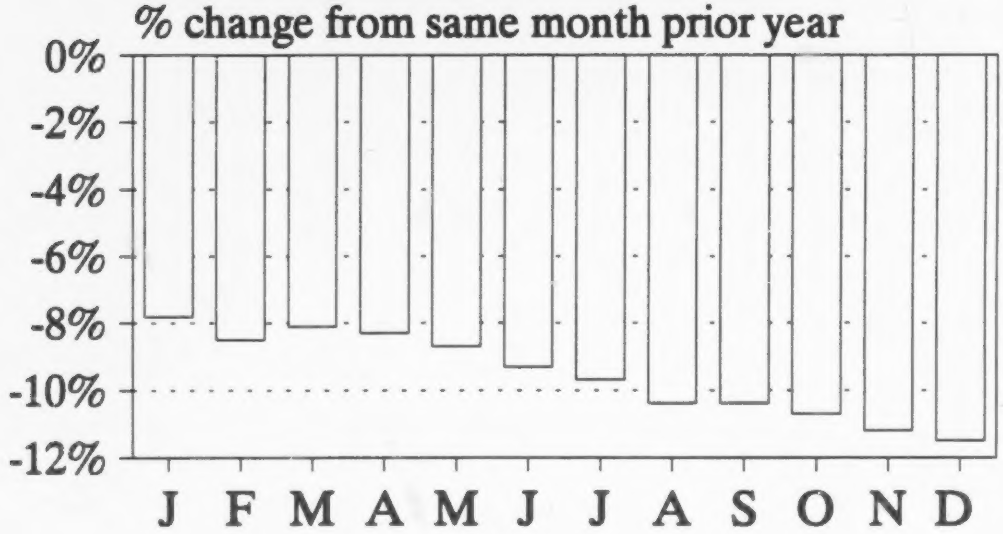
Other Specialized Communications Employment December 1992
(thousands of workers)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	71.4	80.2	-11.0%	71.7	-0.4%
ALL EMPLOYEES	225.7	254.9	-11.5%	227.4	-0.7%
HOURLY WAGE INDEX	122.1	118.7	2.8%	122.1	NA
ANNUAL SALES/EMP	$123,916	$122,358	1.3%	$123,916	NA

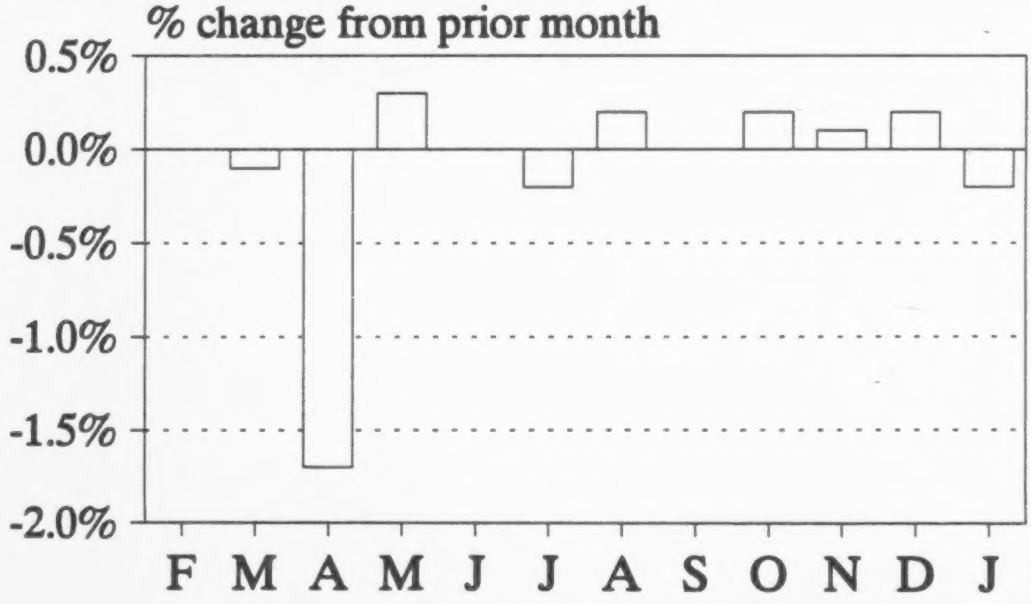
Other Specialized Communications Producer Price Indices January 1993
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	99.1	100.3	-1.3%	99.2	-0.2%
Navigation Systems	102.0	102.4	-0.5%	101.6	0.4%
Radar Equipment	101.8	100.5	1.2%	102.4	-0.6%
Defense Electronics	95.3	99.4	-4.2%	95.2	0.1%

Other Communications
All Employees December 1992



Other Communications
Composite Price Index January 1993



Computers & Peripherals
U.S. Factory Data January 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	5,468	5,178	5.6%	4,145	3,598	15.2%
New Orders	5,423	5,231	3.7%	4,135	3,408	21.3%
Production	5,521	4,782	15.5%	4,392	3,843	14.3%
Inventory	7,805	7,752	0.7%	7,696	8,086	-4.8%
Unfilled Orders	6,515	6,560	-0.7%	6,287	7,498	-16.1%
Book/Bill Ratio	0.99	1.01	-1.8%	1.00	0.95	5.3%
Inv/Sales Ratio	1.43	1.50	-4.7%	1.86	2.25	-17.4%
Unf/Sales Ratio	1.19	1.27	-6.0%	1.52	2.08	-27.2%
Prod/Sales Ratio	1.01	0.92	9.3%	1.06	1.07	-0.8%

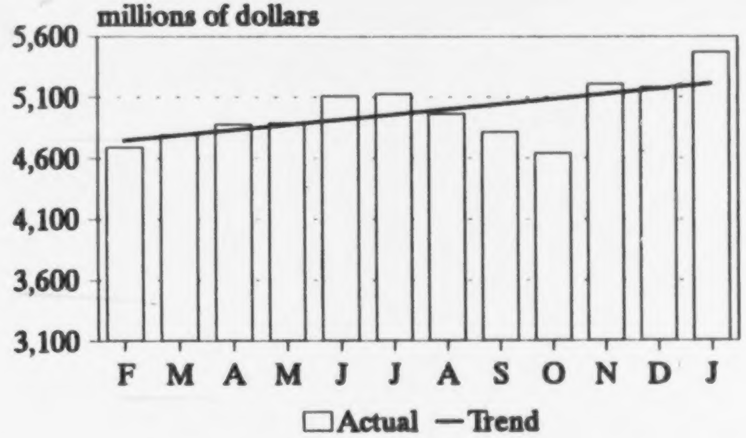
Computers & Peripherals Economic Summary

- Factory sales up 5.6% from prior month in January
- New orders up 3.7% from prior month
- Inventory up 0.7% from prior month, down 4.8% from prior year
- Imports up 2.5% from prior month, exports up 15%
- Imports up 21.6%, exports up 5.3% full year 1992
- Total employment down 5.2% from prior year
- Production worker hourly wage index up 2.3% from prior year
- Factory price index unchanged from prior month

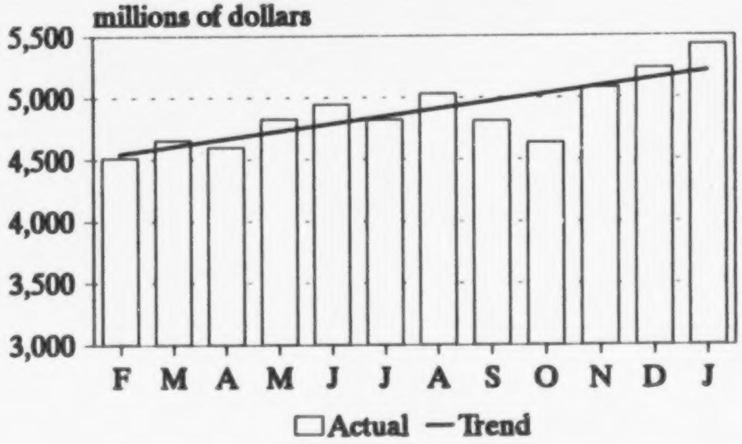
Computers & Peripherals U.S Factory Trends January 1993

(all data seasonally adjusted)

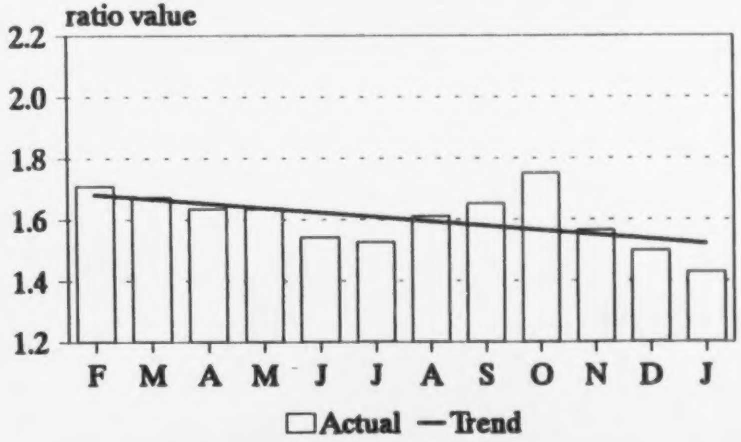
Factory Sales



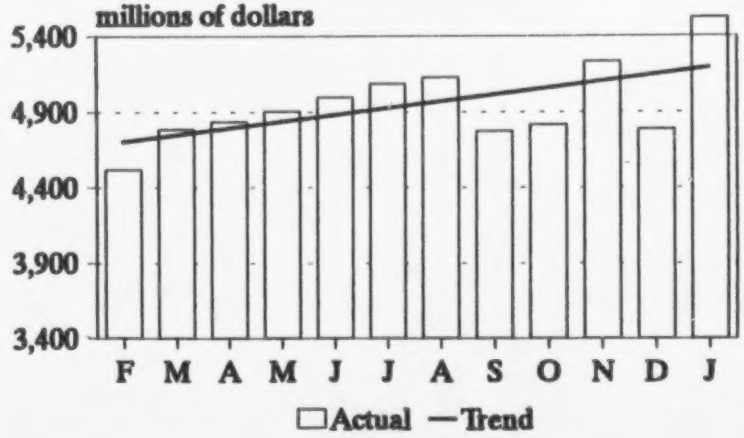
New Orders



Inventory/Sales Ratio



Production



Computer & Peripheral Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	3,065	2,990	2.5%	3,336	2,559	30.4%	32,382	26,623	21.6%
Exports	2,856	2,484	15.0%	3,102	2,645	17.3%	30,356	28,835	5.3%
Balance	(209)	(506)	-58.7%	(234)	86	NA	(2,026)	2,212	NA

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	11,444,976	37.7%	Canada	4,712,206	15.5%
Singapore	5,468,472	18.0%	Japan	3,633,817	12.0%
Taiwan	4,369,385	14.4%	U.K.	3,044,754	10.0%
Canada	2,197,666	7.2%	Germany	2,835,947	9.3%
S. Korea	1,433,231	4.7%	Netherlands	2,025,982	6.7%
U.K.	1,035,057	3.4%	Singapore	1,484,848	4.9%
Mexico	923,499	3.0%	France	1,407,803	4.6%
Thailand	918,017	3.0%	Mexico	1,252,564	4.1%
Malaysia	901,570	3.0%	Australia	1,021,069	3.4%
Hong Kong	709,039	2.3%	Hong Kong	614,223	2.0%
Other	954,140	3.1%	Other	8,321,839	27.4%

Import/Export Product Summary December 1992

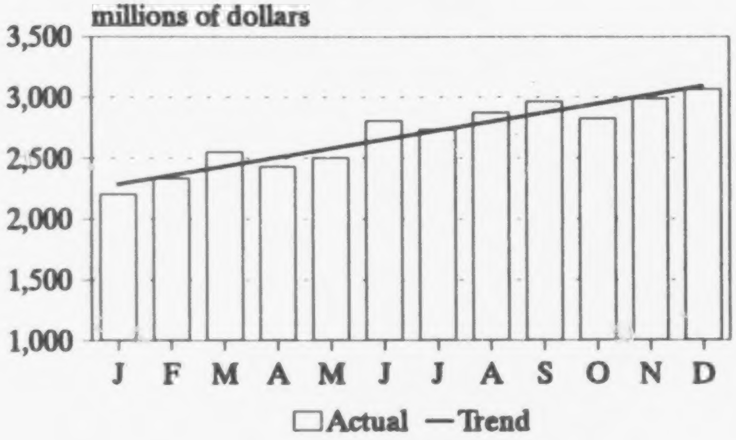
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	471,263	960,312	489,049	4,597,384	8,470,784	3,873,400
Monitors	414,412	74,400	(340,012)	3,921,926	741,811	(3,180,115)
Disk Drives and Blank Media	1,007,414	593,302	(414,112)	9,424,605	5,831,140	(3,593,464)
Printers	294,478	132,516	(161,962)	3,057,953	1,355,861	(1,702,092)
Other Computer Peripherals	71,511	105,651	34,140	793,966	1,213,747	419,781
Other Business Machines and	1,077,413	1,235,781	158,368	10,587,76	12,741,709	2,153,943
Total	3,336,491	3,101,961	(234,530)	32,383,60	30,355,052	(2,028,548)

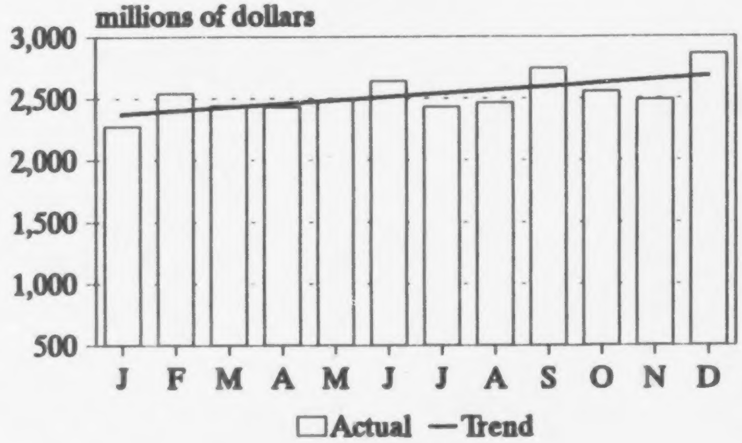
Computers & Peripherals Trade Trends December 1992

(all data seasonally adjusted)

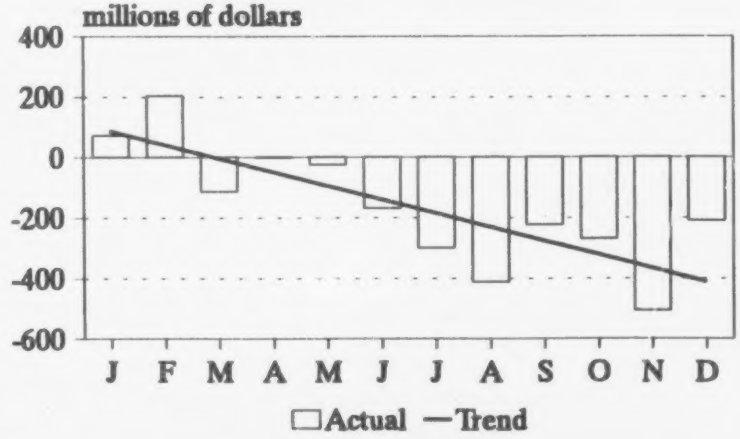
Imports



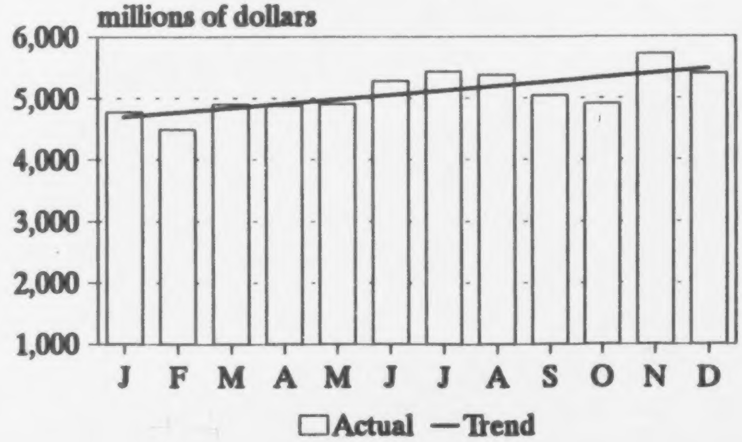
Exports



Balance of Trade



Consumption



Computer & Peripheral Employment December 1992

(thousands of workers)

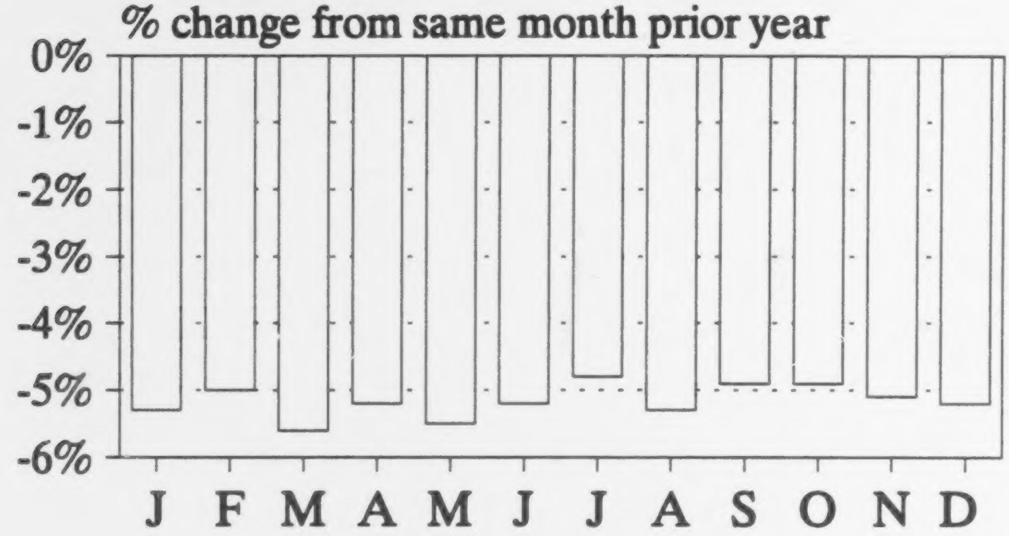
	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	128.9	132.8	-2.9%	129.9	-0.8%
Computers	58.5	64.2	-8.9%	58.9	-0.7%
Other	70.4	68.6	2.6%	71.0	-0.8%
ALL EMPLOYEES	384.4	405.6	-5.2%	386.5	-0.5%
Computers	229.0	249.9	-8.4%	231.2	-1.0%
Other	155.4	155.7	-0.2%	155.3	0.1%
HOURLY WAGE INDEX	117.5	114.9	2.3%	114.9	2.2%
ANNUAL SALES/EMP	$125,773	$105,528	19.2%	$123,450	1.9%

Computer & Peripheral Producer Price Indices January 1993

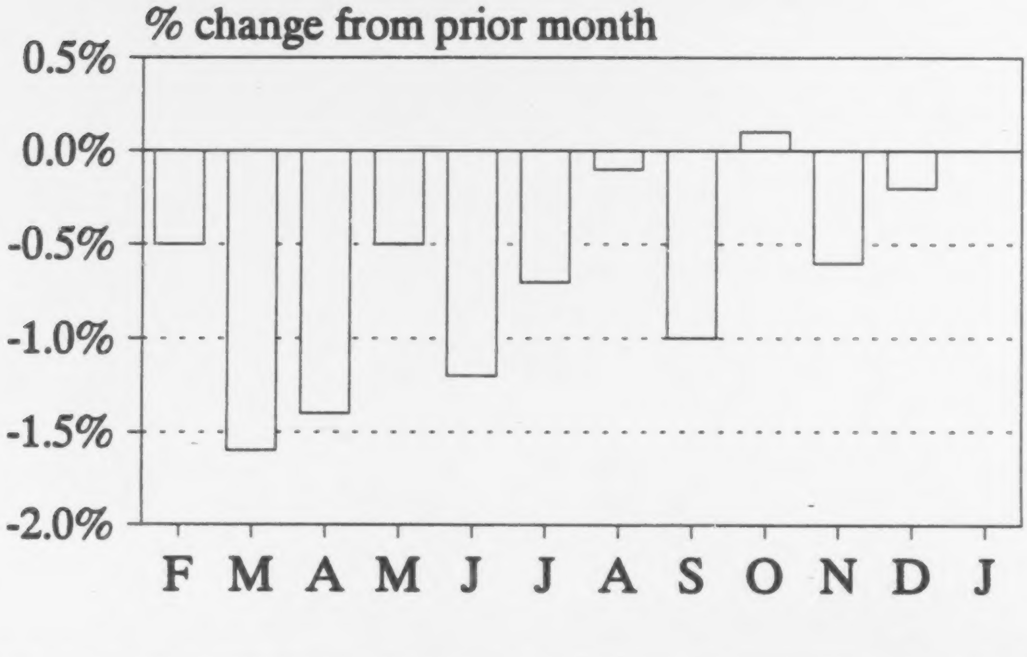
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	72.8	78.9	-7.6%	72.9	NA
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	63.1	75.7	-16.6%	63.1	NA
Hard Disks	101.8	100.7	1.1%	102.0	-0.2%
Floppy Diskettes	92.0	96.4	-4.6%	92.1	-0.1%

Computers & Peripherals
All Employees December 1992



Computers & Peripherals
Composite Price Index January 1993



Industrial Electronics
U.S. Factory Data January 1993

(millions of dollars)

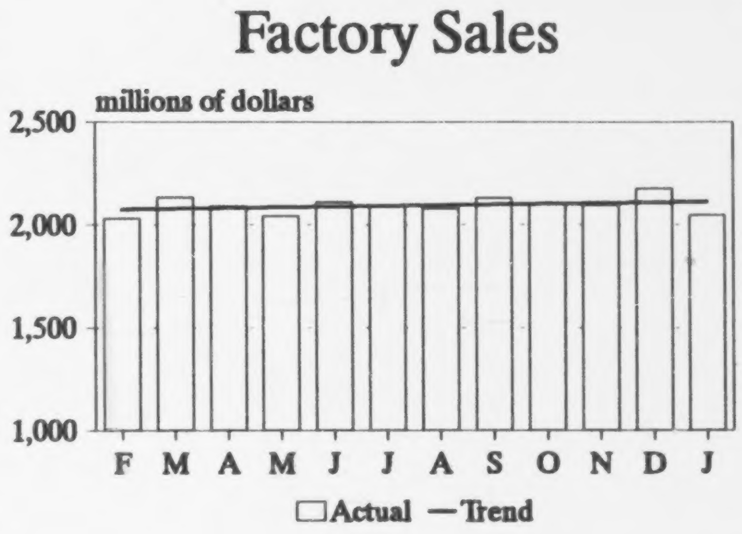
	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	2,045	2,174	-5.9%	1,820	1,839	-1.0%
New Orders	2,240	2,462	-9.0%	3,269	2,229	46.7%
Production	2,030	2,160	-6.0%	1,731	1,623	6.7%
Inventory	4,377	4,391	-0.3%	2,844	4,188	-32.1%
Unfilled Orders	5,385	5,303	1.5%	2,908	5,269	-44.8%
Book/Bill Ratio	1.10	1.13	-3.3%	1.80	1.21	48.2%
Inv/Sales Ratio	2.14	2.02	6.0%	1.56	2.28	-31.4%
Unf/Sales Ratio	2.63	2.44	8.0%	1.60	2.87	-44.2%
Prod/Sales Ratio	0.99	0.99	-0.1%	0.95	0.88	7.8%

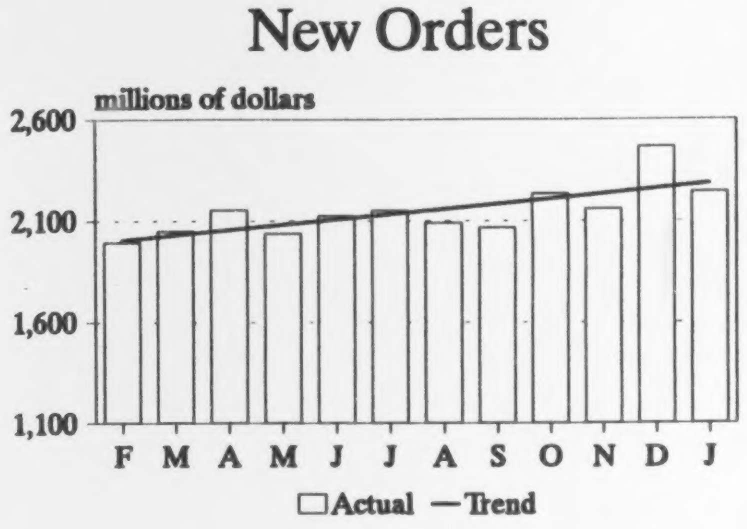
Industrial Electronics Economic Summary

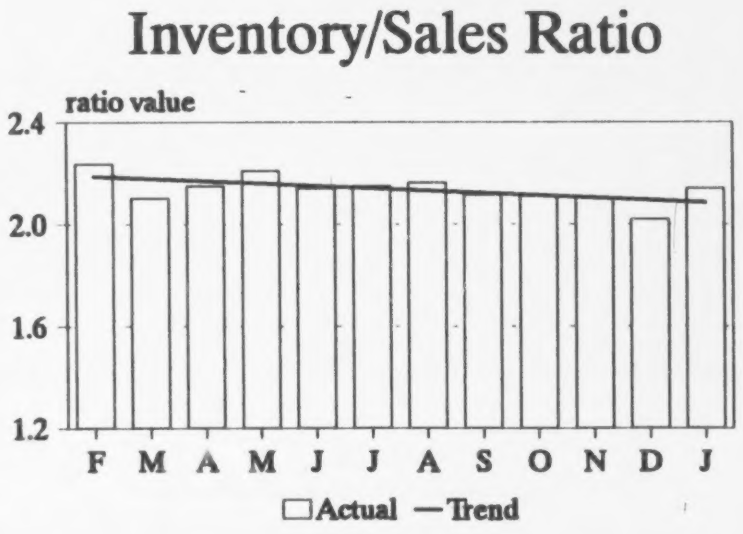
- Factory sales down 5.9% from prior month in January
- New orders down 9% from prior month
- Inventory down 0.3% from prior month, down 32.1% from prior year
- Imports down 4.5% from prior month, exports up 0.5%
- Imports up 4.3%, exports down 0.6% full year 1992
- Total employment down 6.0% from prior year
- Production worker hourly wage index up 10% from prior year
- Factory price index unchanged from prior month

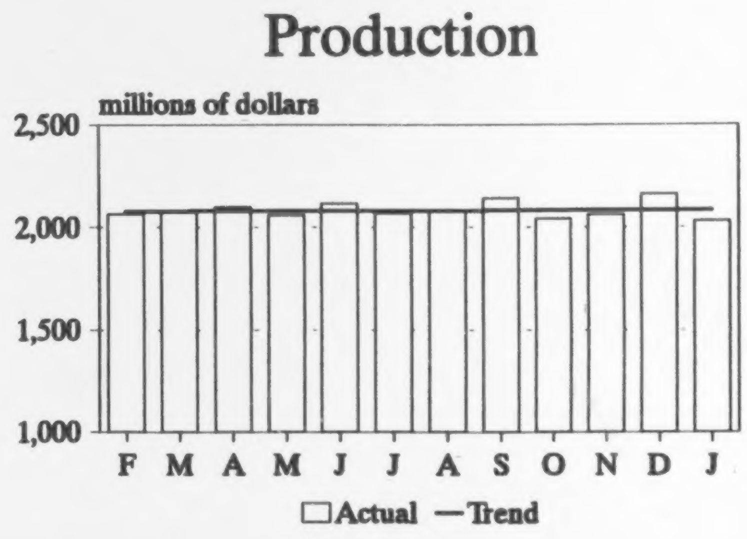
Industrial Electronics U.S Factory Trends January 1993

(all data seasonally adjusted)


Factory Sales


New Orders


Inventory/Sales Ratio


Production

Industrial Electronics Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	299	313	-4.5%	303	271	11.8%	3,143	3,015	4.3%
Exports	645	642	0.5%	649	594	9.3%	7,511	7,557	-0.6%
Balance	346	329	5.2%	346	323	7.1%	4,368	4,542	-3.8%

Import/Export Country Summary December 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	834,468	25.6%	Canada	1,008,439	13.3%
Canada	417,828	12.8%	Japan	971,316	12.8%
U.K.	398,850	12.2%	Germany	593,380	7.8%
Germany	374,341	11.5%	U.K.	509,086	6.7%
Mexico	178,964	5.5%	S. Korea	461,385	6.1%
France	121,627	3.7%	Mexico	461,078	6.1%
Switzerland	88,040	2.7%	France	393,480	5.2%
Netherlands	79,420	2.4%	Taiwan	325,113	4.3%
Taiwan	63,217	1.9%	Italy	247,617	3.3%
Sweden	55,062	1.7%	Singapore	227,450	3.0%
Other	652,830	20.0%	Other	2,381,785	31.4%

Import/Export Product Summary December 1992

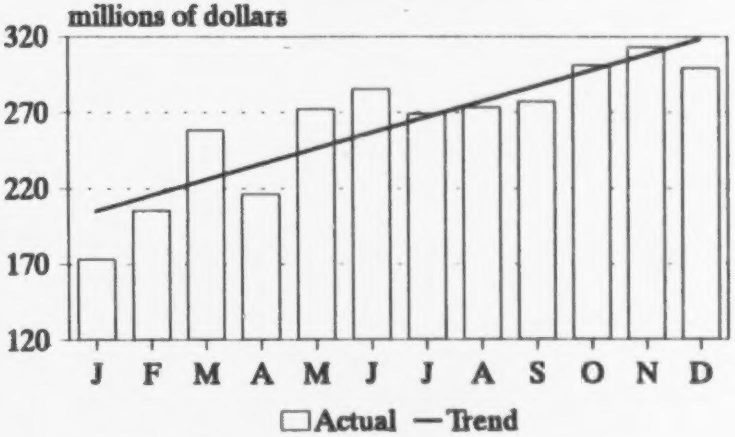
(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	26,582	7,232	(19,349)	144,725	80,421	(64,304)
Testing/Analyzing Equipment	62,498	186,295	123,798	578,792	2,092,165	1,513,373
Measuring/Analyzing Equipment	77,694	204,644	126,950	816,722	2,443,534	1,626,812
Process/Control Devices	18,929	45,292	26,363	375,914	661,677	285,763
Other Electronic Machinery	117,202	205,871	88,669	1,348,495	2,302,333	953,838
Total	302,904	649,335	346,431	3,264,647	7,580,129	4,315,481

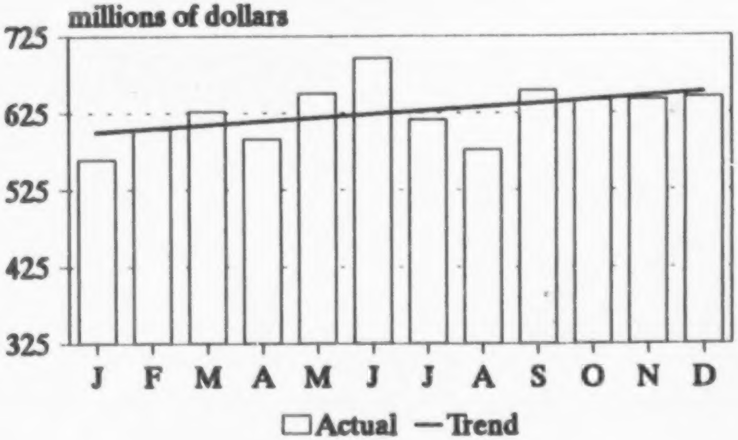
Industrial Electronics Trade Trends December 1992

(all data seasonally adjusted)

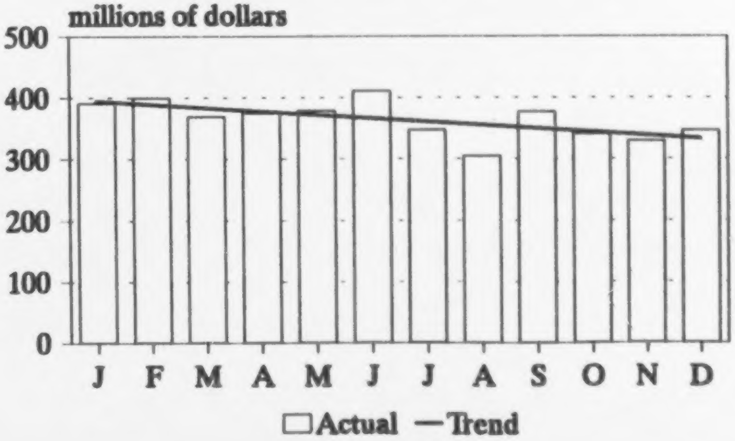
Imports



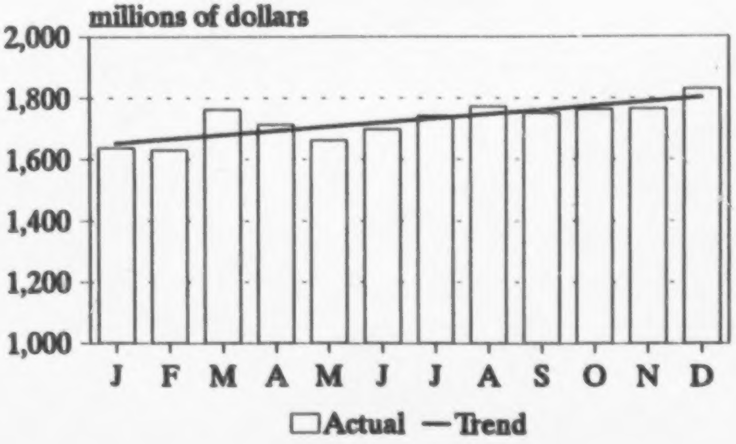
Exports



Balance of Trade



Consumption



Industrial Electronics Employment December 1992

(thousands of workers)

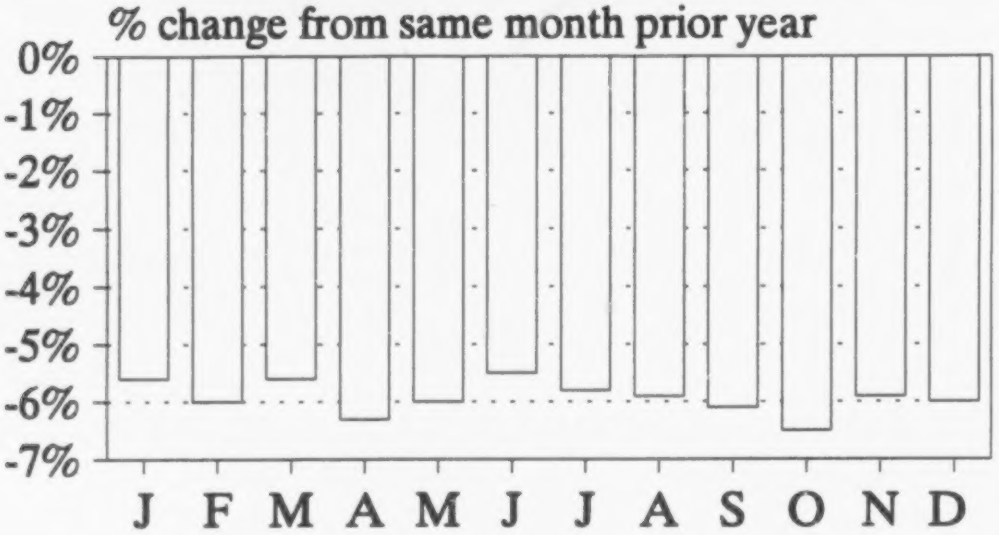
	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	113.4	125.9	-9.9%	114.2	-0.7%
Process Controls	26.5	31.0	-14.5%	26.6	-0.4%
Testing/Measuring	37.6	40.4	-6.9%	37.9	-0.8%
Other	49.3	54.5	-9.5%	49.7	-0.8%
ALL EMPLOYEES	227.5	241.9	-6.0%	228.5	-0.4%
Process Controls	55.9	61.4	-9.0%	56.1	-0.4%
Testing/Measuring	78.2	82.1	-4.8%	78.5	-0.4%
Other	93.4	98.4	-5.1%	93.9	-0.5%
HOURLY WAGE INDEX	126.9	115.4	10.0%	124.1	2.2%
ANNUAL SALES/EMP	$107,426	$98,015	9.6%	$106,621	0.8%

Industrial Electronics Producer Price Indices January 1993

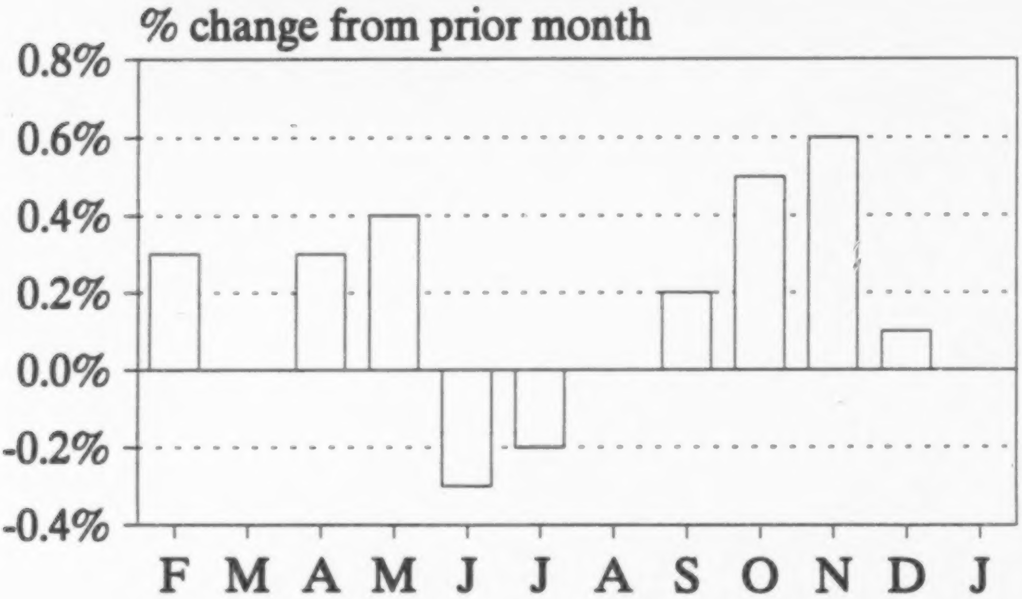
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	104.4	102.5	1.9%	104.4	NA
Testing/Measuring	103.6	101.9	1.7%	103.8	-0.2%
Nuclear Radiation	104.7	102.5	2.2%	103.6	1.1%
Process Controls	105.5	101.6	3.9%	105.3	0.3%
Other Equipment	104.6	104.1	0.4%	104.6	NA

Industrial Electronics
All Employees December 1992



Industrial Electronics
Composite Price Index January 1993



Electromedical Equipment
U.S. Factory Data January 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan 93	Dec 92	% ch.	Jan 93	Jan 92	% ch.
Factory Sales	651	694	-6.2%	616	600	2.7%
New Orders	688	656	4.9%	654	605	8.0%
Production	636	690	-7.8%	615	616	-0.3%
Inventory	1,406	1,421	-1.0%	1,391	1,353	2.7%
Unfilled Orders	1,925	1,888	2.0%	1,925	1,849	4.1%
Book/Bill Ratio	1.06	0.95	11.9%	1.06	1.01	5.2%
Inv/Sales Ratio	2.16	2.05	5.5%	2.26	2.25	0.1%
Unf/Sales Ratio	2.96	2.72	8.7%	3.12	3.08	1.4%
Prod/Sales Ratio	0.98	0.99	-1.7%	1.00	1.03	-2.8%

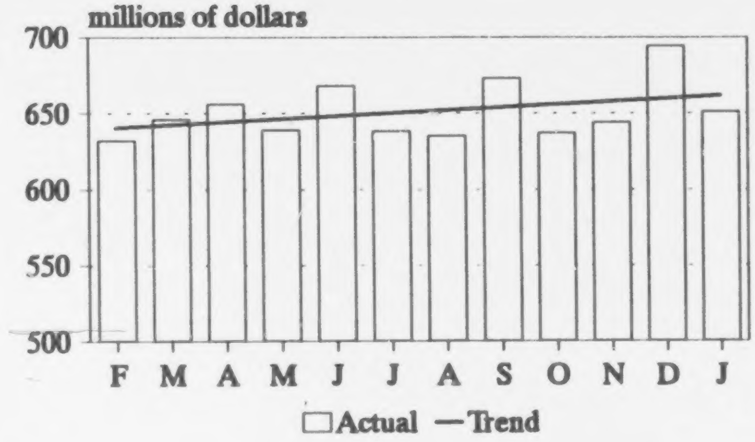
Electromedical Equipment Economic Summary

- Factory sales down 6.2% from prior month in January
- New orders up 4.9% from prior month
- Inventory down 1% from prior month, up 2.7% from prior year
- Imports up 13.4% from prior month, exports up 5.5%
- Imports up 1.1%, exports up 11.6% full year 1992
- Total employment up 0.9% from prior year
- Production worker hourly wage index up 3.2% from prior year
- Factory price index up 0.2% from prior month

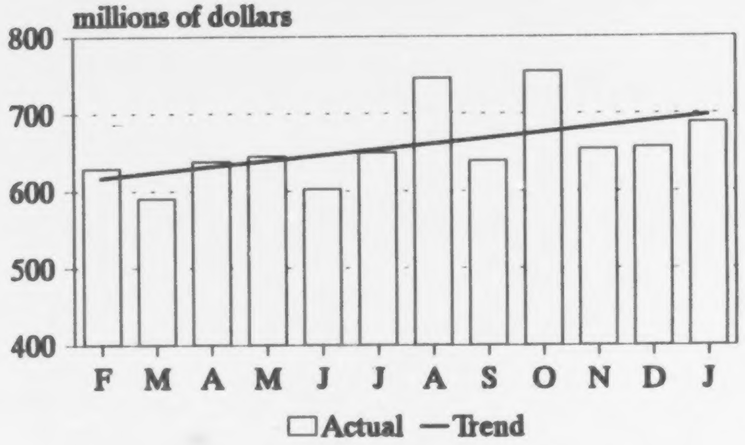
Electromedical Equipment U.S Factory Trends January 1993

(all data seasonally adjusted)

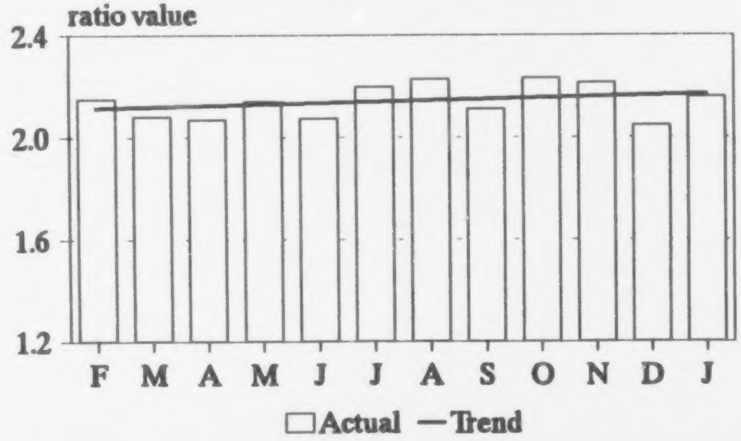
Factory Sales



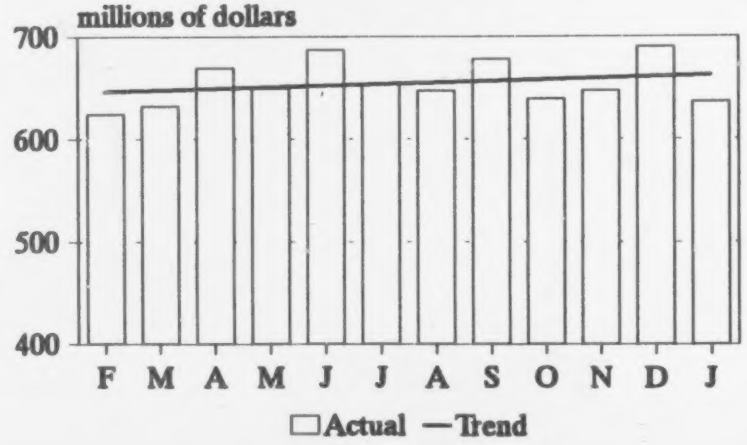
New Orders



Inventory/Sales Ratio



Production



Electromedical Equipment Foreign Trade Summary

Import/Export Summary December 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Dec 92	Nov 92	% ch.	Dec 92	Dec 91	% ch.	YTD 92	YTD 91	% ch.
Imports	212	187	13.4%	223	204	9.3%	2,270	2,246	1.1%
Exports	287	272	5.5%	299	267	12.0%	3,389	3,036	11.6%
Balance	75	85	-11.8%	76	63	20.6%	1,119	789	41.7%

Import/Export Country Summary December 1992

(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	707,340	31.2%	Germany	494,491	14.6%
Germany	676,394	29.8%	Japan	456,483	13.5%
Netherlands	175,750	7.7%	Canada	283,608	8.4%
France	139,945	6.2%	Netherlands	271,184	8.0%
Mexico	100,341	4.4%	France	192,029	5.7%
U.K.	88,261	3.9%	U.K.	178,181	5.3%
Israel	36,826	1.6%	Mexico	128,015	3.8%
Ireland	32,473	1.4%	Italy	126,531	3.7%
Canada	32,006	1.4%	Australia	109,198	3.2%
Italy	31,736	1.4%	Belgium	92,093	2.7%
Other	249,133	11.0%	Other	1,056,233	31.2%

Import/Export Product Summary December 1992

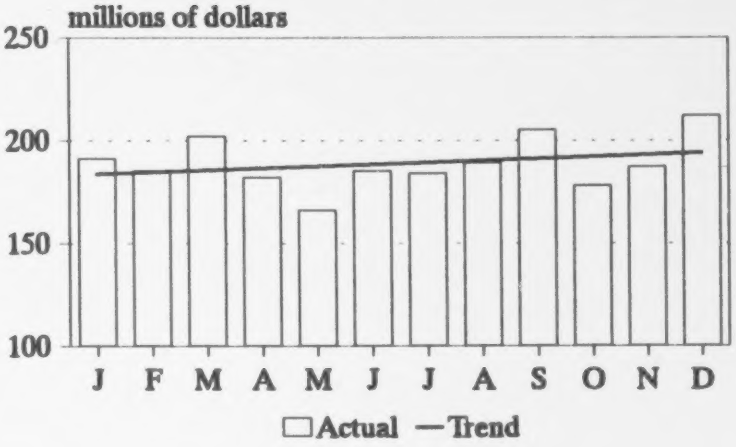
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	115,393	222,647	107,254	1,254,636	2,529,872	1,275,236
X-Ray and Related Equipment	107,495	76,566	(30,929)	1,015,569	858,174	(157,395)
Total	222,889	299,213	76,324	2,270,205	3,388,046	1,117,842

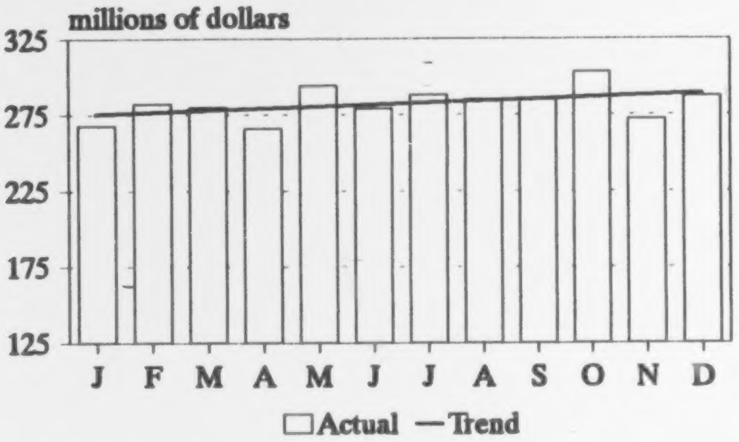
Electromedical Equipment Trade Trends December 1992

(all data seasonally adjusted)

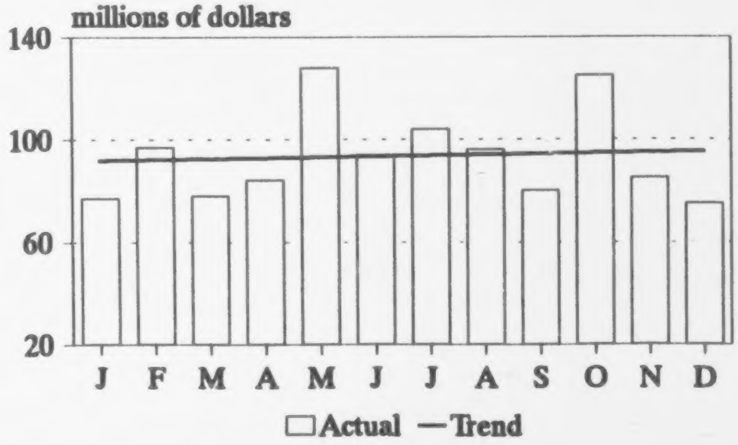
Imports



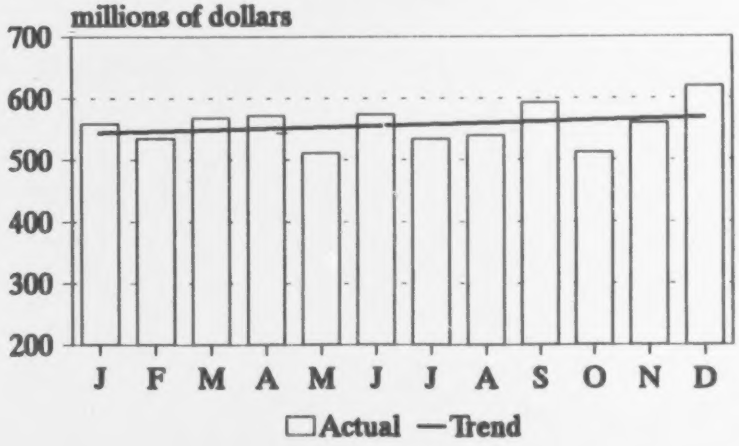
Exports



Balance of Trade



Consumption



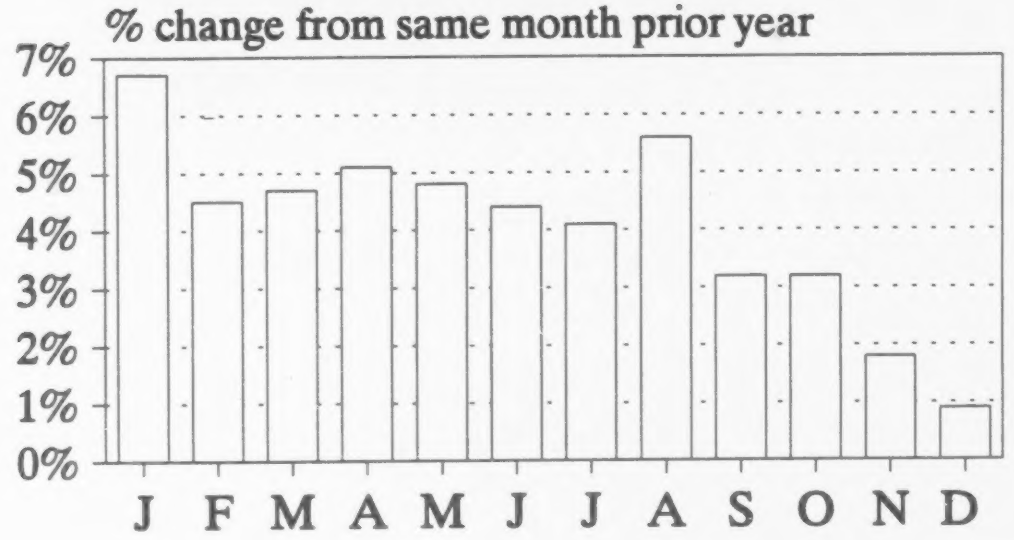
Electromedical Equipment Employment December 1992
(thousands of workers)

	Not Seasonally Adj				
	Dec 92	Dec 91	% ch.	Nov 92	% ch.
PRODUCTION WORKERS	18.0	17.2	4.7%	18.3	-1.6%
ALL EMPLOYEES	44.9	44.5	0.9%	45.2	-0.7%
HOURLY WAGE INDEX	120.9	117.2	3.2%	120.9	NA
ANNUAL SALES/EMP	$172,338	$173,711	-0.8%	$171,767	0.3%

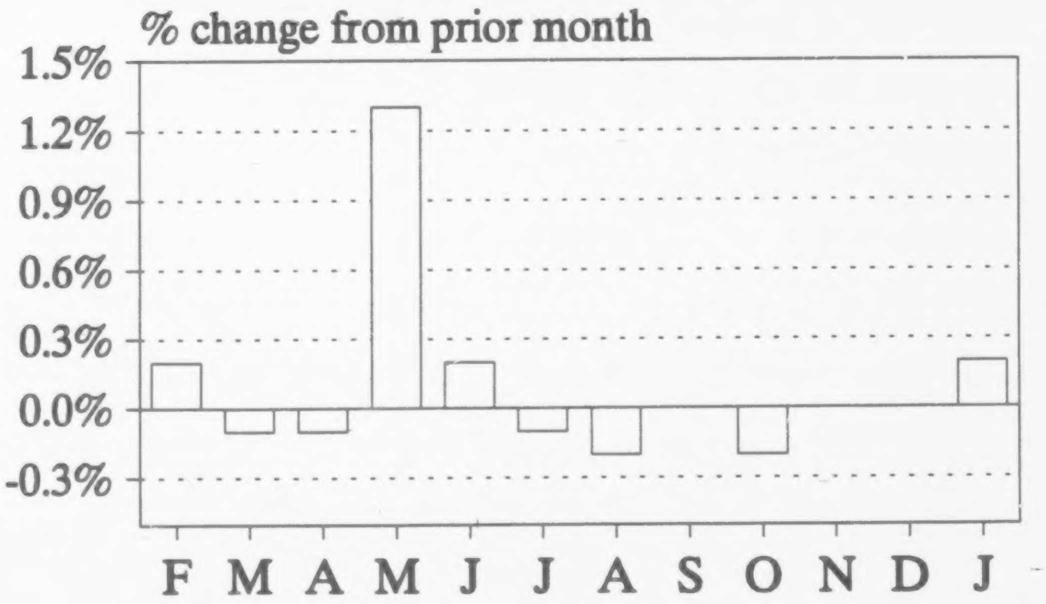
Electromedical Equipment Producer Price Indices January 1993
(12/90=100)

	Not Seasonally Adj				
	Jan 93	Jan 92	% ch.	Dec 92	% ch.
COMPOSITE INDEX	102.3	101.1	1.2%	102.1	0.2%
Irradiation Equipment	102.2	101.7	0.5%	101.9	0.3%
Diagnostic/Monitoring	102.4	100.5	1.9%	102.1	0.2%
Electrotherapeutic	102.3	102.0	0.3%	102.3	NA

Electromedical Equipment
All Employees December 1992

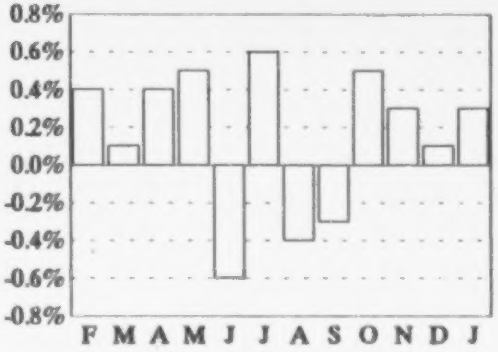


Electromedical Equipment
Composite Price Index January 1993



Economic Data Bank
Data as of March 2, 1992

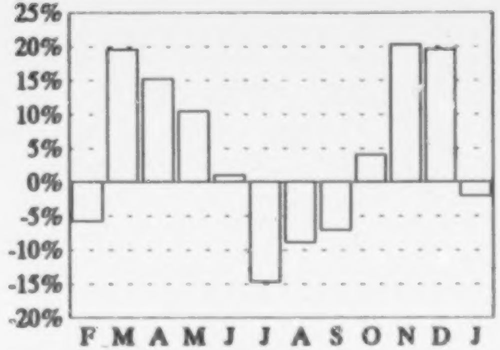
	Current Period	Previous Period	Year Ago
	Jan-93	Dec-92	Jan-92
Capacity Utilization (% utilized)	**79.5**	**79.3**	**78.0**
	Feb-93	Jan-93	Feb-92
Consumer Confidence (Index 1985=100)	**68.5**	**76.7**	**47.3**
	4th Qtr	3rd Qtr	4th Qtr
Gross Domestic Product (billions 1987 $)	**4,991.5**	**4,933.7**	**4,838.5**
	3rd Q92	2nd Q92	3rd Q91
Gross National Product (billions 1987 $)	**4,949.0**	**4,899.1**	**4,843.7**
	4th Qtr	3rd Qtr	4th Qtr
Government Purchases (billions 1987 $)	**938.0**	**943.0**	**933.1**
	Jan-93	Dec-92	Jan-92
Industrial Production (Index 1987=100)	**111.0**	**110.5**	**106.6**
	Jan-93	Dec-92	Jan-92
Housing Starts (annual rate 000's)	**1,192**	**1,285**	**1,164**
	Jan-93	Dec-92	Jan-92
Leading Economic Indicators (Index 1987=100)	**152.9**	**152.8**	**146.3**
	Feb-93	Jan-93	Feb-92
90-Day T-Bill Rate (%)	**2.95**	**3.06**	**3.84**
	Feb-93	Jan-93	Feb-92
Prime Rate (%)	**6.00**	**6.00**	**6.50**
	Jan-93	Dec-92	Jan-92
Unemployment Rate (% of labor force)	**7.0**	**7.2**	**7.0**
	Jan-93	Dec-92	Jan-92
Real Money Supply M-2 (billions 1987 $)	**2,358.1**	**2,377.2**	**2,406.1**
	Jan-93	Dec-92	Jan-92
Retail Sales (billions of dollars)	**167.4**	**166.8**	**157.1**
	Jan-93	Dec-92	Jan-92
Disposable Personal Income (billions 1987 $)	**3,638.9**	**3,640.1**	**3,549.3**
	Jan-93	Dec-92	Jan-92
Auto Sales (annual rate millions)	**8.6**	**8.7**	**8.0**
	Jan-93	Dec-92	Jan-92
Personal Savings Rate (% of income)	**4.6**	**4.5**	**4.9**
	Jan-93	Dec-92	Jan-92
CPI-U All Items (Index 1982-84=100)	**142.9**	**142.2**	**138.5**
	Jan-93	Dec-92	Jan-92
PPI Finished Goods (Index 1982-84=100)	**124.0**	**123.8**	**121.9**
	Dec-92	Nov-92	Dec-91
Balance of Trade (billions of dollars)	**(7.0)**	**(7.3)**	**(5.6)**



Capacity Utilization

(percent change from previous month)

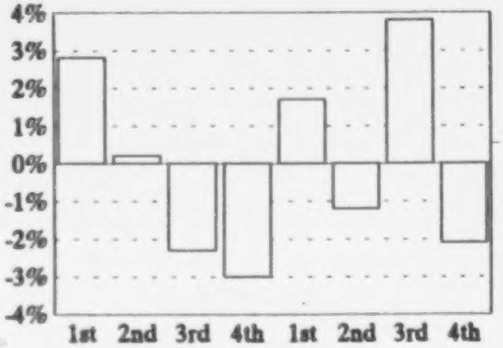
Source: Federal Reserve Board



Consumer Confidence Index

(percent change from previous month)

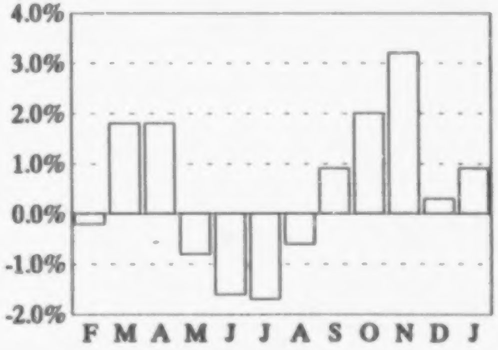
Source: Conference Board



Government Purchases

(quarter vs. previous quarter)

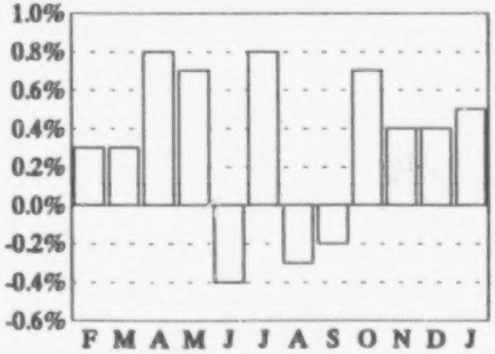
Source: Department of Commerce



Trade Weighted Dollar Index

(percent change from previous month)

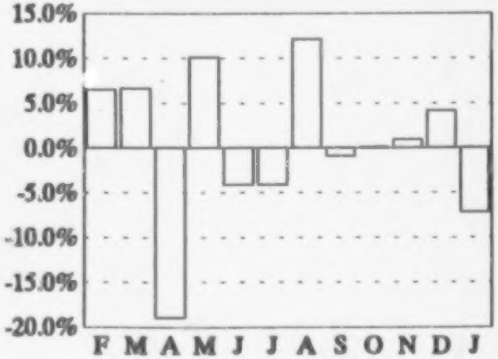
Source: Federal Reserve Bank of Atlanta



Industrial Production

(percent change from previous month)

Source: Federal Reserve Board



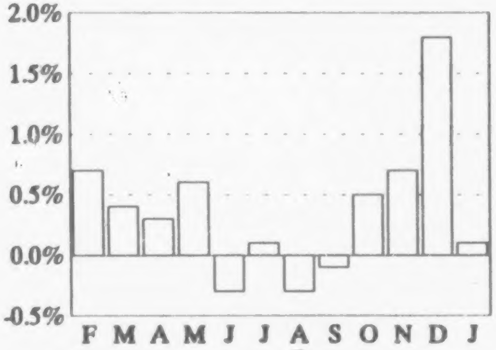
Housing Starts

(percent change from previous month)

Source: Department of Commerce

Leading Economic Indicators

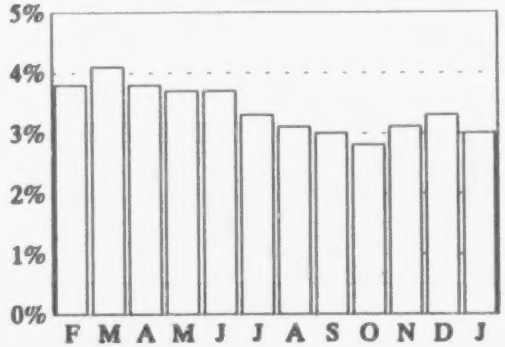
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

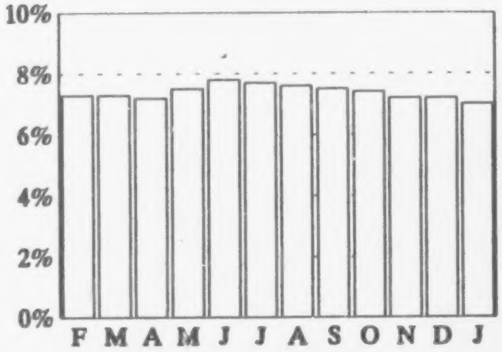
(interest rate)



Source: Conference Board

Unemployment Rate

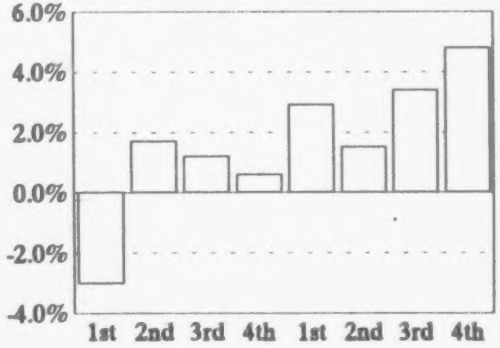
(precent of civilian laborforce)



Source: Department of Commerce

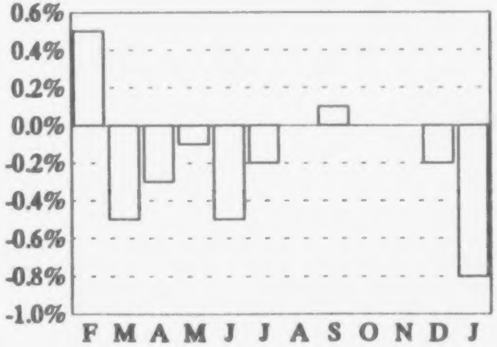
Real GDP

(quarter vs. previous quarter)



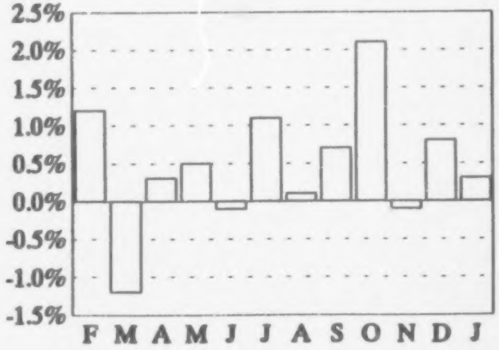
Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)



Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,802	5,072	5,250	5,147	5,406
1993	5,066											
						New Orders						
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,939	5,382	5,268	5,439	5,497
1993	5,836											
						Inventories						
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
1991	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,044	8,085	8,016	7,965	8,026
1993	8,094											
						Unfilled Orders						
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,068	13,378	13,396	13,688	13,779
1993	14,600											

Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	2,366	2,391	2,542	2,421	2,369	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,199	3,671	3,669	3,308	3,744
1993	3,227											
						New Orders						
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,165	3,744	3,772	3,205	3,958
1993	3,108											
						Inventories						
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,423	7,330	7,262	7,417	7,592
1993	7,968											
						Unfilled Orders						
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,280	12,353	12,455	12,281	12,494
1993	12,365											

Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,395	2,532	2,344	2,384	2,309
1993	2,517											
						New Orders						
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,924	2,559	1,789	2,555	2,879
1993	2,976											
						Inventories						
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,813	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,111	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,728	6,624	6,401	6,294	6,278
1993	6,053											
						Unfilled Orders						
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,457	32,484	31,929	32,100	32,670
1993	33,194											

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,963	4,813	4,640	5,206	5,128
1993	5,468											
						New Orders						
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,028	4,808	4,633	5,075	5,173
1993	5,423											
						Inventories						
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,485	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,993	7,950	8,124	8,147	7,724
1993	7,805											
						Unfilled Orders						
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,649	6,644	6,638	6,507	6,552
1993	6,515											

Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,076	2,128	2,103	2,094	2,177
1993	2,045											
						New Orders						
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,088	2,063	2,231	2,156	2,464
1993	2,240											
						Inventories						
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,489	4,501	4,439	4,406	4,382
1993	4,377											
						Unfilled Orders						
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,213	5,103	5,143	5,134	5,302
1993	5,385											

Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	635	673	637	644	676
1993	651											
						New Orders						
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	746	639	754	654	602
1993	688											
						Inventories						
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,414	1,420	1,422	1,425	1,406
1993	1,406											
						Unfilled Orders						
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832	1,799	1,915	1,926	1,852
1993	1,925											

Historical Data 1987 - Present

Domestically Produced Consumer Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	557	554	523	559	557	544	515	519	520	504	510	511
1988	602	591	600	590	633	586	597	641	661	658	676	647
1989	711	707	674	691	697	620	697	736	658	667	641	654
1990	670	660	685	630	729	682	679	669	672	684	679	677
1991	715	711	727	722	737	757	754	777	788	765	794	808
1992	805	865	889	914	891	764	962	904	818	907	907	912
1993	882											
Inventories												
1987	1,021	1,032	1,049	1,054	1,064	1,070	1,073	1,079	1,080	1,082	1,093	1,091
1988	1,154	1,123	1,116	1,092	1,088	1,075	1,084	1,071	1,075	1,086	1,102	1,156
1989	1,219	1,244	1,260	1,267	1,264	1,235	1,245	1,239	1,253	1,253	1,255	1,272
1990	1,338	1,340	1,330	1,336	1,330	1,337	1,343	1,345	1,324	1,304	1,296	1,285
1991	1,412	1,389	1,369	1,344	1,343	1,344	1,353	1,377	1,389	1,396	1,391	1,379
1992	1,418	1,417	1,442	1,427	1,440	1,441	1,407	1,402	1,403	1,378	1,372	1,339
1993	1,293											

Historical Data 1987 - Present

Total Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments - Includes Other Related												
1987	18,926	19,165	19,222	19,125	19,075	19,527	20,111	19,626	20,161	19,987	20,209	20,477
1988	19,922	20,358	20,587	20,634	20,745	21,223	21,148	21,160	21,502	20,795	20,761	21,639
1989	22,151	21,287	21,908	21,913	21,744	21,794	21,061	21,941	21,883	21,110	21,542	21,876
1990	21,686	22,425	22,171	22,038	22,564	22,443	22,410	22,534	22,236	22,935	21,961	21,857
1991	22,003	22,049	21,761	22,309	22,589	22,638	22,727	22,997	22,480	23,484	23,738	22,599
1992	23,381	23,622	23,708	23,648	23,281	24,063	24,458	23,537	24,217	24,323	24,677	25,120
1993	24,719											
New Orders - Does Not Included Other Related												
1987	13,972	14,485	14,418	16,633	15,207	16,781	16,883	15,983	16,846	16,540	16,485	16,366
1988	16,346	16,294	15,849	14,419	17,699	15,483	16,303	16,520	16,339	15,205	15,791	17,964
1989	17,488	16,177	15,950	16,136	15,369	16,450	16,009	16,328	17,784	16,459	17,571	18,202
1990	17,249	16,490	17,299	17,291	17,901	16,745	17,367	17,139	17,169	17,251	15,642	16,696
1991	16,063	18,164	15,695	16,642	17,348	15,780	17,550	17,431	16,555	17,191	16,888	16,265
1992	18,408	17,295	17,465	16,816	17,265	17,619	18,418	17,890	19,196	18,446	19,085	20,573
1993	20,271											
Inventories - Does Not Include Other Related												
1987	35,479	35,354	35,294	35,490	35,846	36,035	35,999	36,223	36,440	36,730	37,166	37,475
1988	36,411	36,462	36,435	36,209	36,381	36,304	36,402	36,663	36,796	36,858	37,162	38,531
1989	40,623	41,113	41,228	41,541	41,577	41,604	42,033	42,269	41,970	42,063	42,306	41,735
1990	41,755	41,743	41,587	41,807	41,820	41,420	41,626	41,625	41,568	41,337	41,110	40,171
1991	40,528	40,407	40,048	40,356	40,010	39,509	39,748	39,432	39,278	39,090	38,622	38,268
1992	38,263	37,840	37,714	37,534	37,462	37,457	37,253	37,494	37,312	37,042	37,026	36,747
1993	36,996											
Unfilled Orders - Does Not Include Other Related												
1987	90,795	90,242	89,479	90,987	91,081	92,244	92,880	92,976	93,611	94,116	94,315	94,103
1988	92,887	93,045	92,617	90,730	92,057	90,645	90,147	89,953	89,275	88,232	87,782	88,783
1989	92,073	91,519	90,074	88,824	86,973	85,882	85,118	84,243	84,531	84,070	84,538	85,423
1990	84,088	83,093	83,355	83,507	84,059	83,657	83,596	83,403	83,298	82,670	81,132	80,600
1991	78,613	79,843	78,696	78,307	78,294	76,888	77,086	76,975	76,465	75,764	74,623	73,620
1992	74,102	73,519	73,029	71,889	71,301	70,519	70,008	69,667	69,961	69,561	69,709	70,797
1993	72,058											

Historical Data 1990 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	1,674	1,597	1,797	1,790	1,836	1,820	1,860	1,842	1,704	1,786	1,839	1,718
1991	1,790	1,794	1,837	1,942	1,799	1,780	1,846	1,835	1,904	2,121	1,892	1,888
1992	1,867	1,929	2,118	2,009	1,961	2,174	2,005	2,059	2,256	2,295	2,086	2,185
						Exports						
1990	1,496	1,528	1,634	1,554	1,699	1,765	1,565	1,706	1,664	1,670	1,612	1,611
1991	1,700	1,688	1,779	1,758	1,768	1,749	1,692	1,729	1,747	1,876	1,792	1,615
1992	1,767	1,891	1,814	1,780	1,783	1,782	1,869	1,783	2,071	2,082	1,964	2,028
						Balance of Trade						
1990	(178)	(69)	(163)	(236)	(137)	(55)	(295)	(136)	(40)	(116)	(227)	(107)
1991	(90)	(106)	(58)	(184)	(31)	(31)	(154)	(106)	(157)	(245)	(100)	(273)
1992	(100)	(38)	(304)	(229)	(178)	(392)	(136)	(276)	(185)	(213)	(122)	(157)
						Consumption						
1990	4,790	4,629	4,742	4,766	4,807	4,628	4,893	4,786	4,569	4,735	4,844	4,664
1991	4,534	4,710	4,589	4,783	4,799	4,660	4,884	4,770	4,785	4,999	4,908	5,089
1992	4,857	4,780	5,018	4,971	4,886	5,184	5,032	5,078	5,257	5,463	5,269	5,563

Historical Data 1990 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

Imports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	608	550	663	615	595	629	647	668	630	691	624	562
1991	588	590	594	603	574	624	624	589	611	616	626	629
1992	636	640	702	645	658	736	675	682	725	737	696	729

Exports

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	454	549	625	533	500	689	670	619	575	624	550	526
1991	656	485	631	571	691	599	583	589	616	583	635	691
1992	674	592	658	641	662	704	661	606	768	1,006	727	758

Balance of Trade

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	(154)	(1)	(38)	(82)	(95)	60	23	(49)	(55)	(67)	(74)	(36)
1991	68	(105)	37	(32)	117	(25)	(41)	0	5	(33)	9	62
1992	38	(48)	(44)	(4)	4	(32)	(14)	(76)	43	269	31	29

Consumption

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	2,770	2,896	2,635	2,894	2,774	2,587	2,808	2,835	2,812	3,079	2,783	2,803
1991	2,810	2,962	2,749	2,816	2,806	2,899	2,985	2,894	3,059	3,079	3,051	2,989
1992	3,028	3,134	3,210	3,027	3,052	3,247	3,667	3,275	3,628	3,400	3,277	3,715

Historical Data 1990 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Imports												
1990	72	69	87	72	77	76	89	73	75	78	76	75
1991	84	68	84	101	89	76	98	89	80	95	92	74
1992	82	91	93	98	79	103	93	91	91	115	86	98
Exports												
1990	204	184	239	217	205	197	193	218	198	197	218	201
1991	232	200	221	207	217	214	224	188	223	221	209	226
1992	192	238	203	197	214	198	260	190	190	242	184	193
Balance of Trade												
1990	132	115	152	145	128	121	104	145	123	119	142	126
1991	148	132	137	106	128	138	126	99	143	126	117	152
1992	110	147	110	99	135	95	167	99	99	127	98	95
Consumption												
1990	2,684	2,745	2,533	2,645	2,812	2,638	2,883	2,687	2,754	2,699	2,696	2,807
1991	2,498	2,472	2,542	2,604	2,597	2,621	2,482	2,924	2,430	2,581	2,644	2,301
1992	2,397	2,506	2,447	2,456	2,354	2,456	2,269	2,296	2,433	2,217	2,286	2,214

Historical Data 1990 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Imports						
1990	1,931	1,843	1,970	1,902	1,771	1,925	1,873	1,874	1,856	1,929	1,949	2,057
1991	2,066	2,189	2,069	2,139	2,263	2,282	2,286	2,360	2,313	2,244	2,351	4,338
1992	2,201	2,334	2,551	2,429	2,503	2,806	2,730	2,872	2,966	2,823	2,990	3,065
						Exports						
1990	2,251	2,268	2,349	2,159	2,251	2,356	2,358	2,339	2,453	2,396	2,163	2,415
1991	2,386	2,366	2,460	2,443	2,399	2,407	2,341	2,357	2,405	2,390	2,419	2,435
1992	2,274	2,538	2,437	2,427	2,479	2,636	2,429	2,460	2,742	2,553	2,484	2,856
						Balance of Trade						
1990	320	425	379	257	480	431	485	465	597	467	214	358
1991	320	177	391	304	136	125	55	(3)	92	146	68	(1,903)
1992	73	204	(114)	(2)	(24)	(170)	(301)	(412)	(224)	(270)	(506)	(209)
						Consumption						
1990	4,166	4,058	4,133	4,155	3,905	4,035	3,819	3,930	3,835	4,185	4,143	4,025
1991	4,070	4,122	3,918	4,049	4,150	4,213	4,309	4,325	3,994	4,474	4,636	6,214
1992	4,772	4,485	4,901	4,876	4,911	5,277	5,429	5,375	5,037	4,910	5,712	5,337

Historical Data 1990 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Imports												
1990	178	205	205	185	202	212	214	201	196	238	214	191
1991	251	257	271	251	252	221	224	252	257	270	239	267
1992	173	205	258	216	272	285	269	273	277	301	313	299
Exports												
1990	461	460	542	470	489	530	514	513	507	545	483	538
1991	622	655	665	626	638	660	593	620	654	611	621	590
1992	564	604	627	591	650	696	616	577	654	641	642	645
Balance of Trade												
1990	283	255	337	285	287	318	300	312	311	307	269	347
1991	371	398	394	375	386	439	369	368	397	341	382	323
1992	391	399	369	375	378	411	347	304	377	340	329	346
Consumption												
1990	1,817	1,813	1,782	1,746	1,899	1,815	1,785	1,765	1,740	1,777	1,774	1,637
1991	1,605	1,604	1,601	1,633	1,607	1,671	1,637	1,643	1,654	1,672	1,673	1,794
1992	1,636	1,630	1,762	1,713	1,662	1,697	1,742	1,772	1,751	1,763	1,765	1,831

Historical Data 1990 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Imports												
1990	132	149	157	149	159	158	177	177	182	181	185	185
1991	179	173	196	190	183	194	196	185	183	192	178	194
1992	191	185	202	182	166	185	184	189	205	178	187	212
Exports												
1990	212	195	226	224	211	220	205	205	215	217	221	233
1991	238	233	253	250	251	261	249	242	256	268	277	256
1992	268	282	280	266	294	279	288	285	285	303	272	287
Balance of Trade												
1990	80	46	69	75	52	62	28	28	33	36	36	48
1991	59	60	57	60	68	67	53	57	73	76	99	62
1992	77	97	78	84	128	94	104	96	80	125	85	75
Consumption												
1990	474	508	495	493	539	525	564	570	563	570	582	533
1991	570	560	521	569	558	546	590	558	569	569	551	582
1992	558	535	568	572	511	574	534	539	593	512	559	601

Historical Data 1990 - Present

Consumer Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Shipments						
1990	1,511	1,346	1,490	1,466	1,239	1,336	1,288	1,190	974	1,144	1,074	1,037
1991	1,329	1,308	1,296	1,257	1,270	1,226	1,215	1,218	1,196	1,169	1,208	1,243
1992	1,605	1,539	1,698	1,503	1,395	1,390	1,429	1,397	1,222	1,196	1,223	1,160
						Inventories						
1990	197	197	220	189	197	196	196	205	202	196	190	176
1991	205	204	219	219	222	222	208	217	225	241	243	234
1992	237	280	272	245	254	259	265	244	271	249	248	248
						Balance of Trade						
1990	(1,314)	(1,149)	(1,270)	(1,277)	(1,042)	(1,140)	(1,092)	(985)	(772)	(948)	(884)	(861)
1991	(1,124)	(1,104)	(1,077)	(1,038)	(1,048)	(1,004)	(1,007)	(1,001)	(971)	(928)	(965)	(1,009)
1992	(1,368)	(1,259)	(1,426)	(1,258)	(1,141)	(1,131)	(1,164)	(1,153)	(951)	(947)	(975)	(912)
						Consumption						
1990	1,984	1,809	1,955	1,907	1,771	1,822	1,771	1,654	1,444	1,632	1,563	1,538
1991	1,839	1,815	1,804	1,760	1,785	1,761	1,761	1,778	1,759	1,693	1,759	1,817
1992	2,173	2,124	2,315	2,172	2,032	1,895	2,126	2,057	1,769	1,854	1,882	1,824

Historical Data 1990 - Present

Total Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1990	6,106	5,759	6,369	6,179	5,879	6,156	6,148	6,025	5,617	6,047	5,961	5,825
1991	6,287	6,379	6,347	6,483	6,430	6,403	6,489	6,528	6,544	6,707	6,586	8,633
1992	6,755	6,923	7,622	7,082	7,034	7,679	7,385	7,563	7,742	7,645	7,581	7,748
Inventories												
1990	5,275	5,381	5,835	5,346	5,552	5,953	5,701	5,805	5,814	5,845	5,437	5,700
1991	6,039	5,831	6,228	6,074	6,186	6,112	5,890	5,942	6,126	6,190	6,196	6,047
1992	5,976	6,425	6,291	6,147	6,336	6,554	6,388	6,145	6,981	7,076	6,521	7,027
Balance of Trade												
1990	(831)	(378)	(534)	(833)	(327)	(203)	(447)	(220)	197	(202)	(524)	(125)
1991	(248)	(548)	(119)	(409)	(244)	(291)	(599)	(586)	(418)	(517)	(390)	(2,586)
1992	(779)	(498)	(1,331)	(935)	(698)	(1,125)	(997)	(1,418)	(761)	(569)	(1,060)	(733)
Consumption												
1990	18,685	18,458	18,275	18,606	18,507	18,050	18,523	18,227	17,717	18,677	18,385	18,007
1991	17,926	18,245	17,724	18,214	18,302	18,371	18,648	18,892	18,250	19,067	19,222	20,786
1992	19,421	19,194	20,221	19,787	19,408	20,330	20,799	20,392	20,468	20,119	20,750	21,085

Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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Key Economic Indicators - Starts on Page 48

Footnotes, Sources, and Historical Data - Starts on Page 51

U.S. ELECTRONICS FACTORY DATA SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**25,389**	**24,643**	**3.0%**	**23,778**	**22,138**	**7.4%**	**44,339**	**41,738**	**6.2%**
New Orders	16,917	16,066	5.3%	17,042	13,464	26.6%	31,532	26,672	18.2%
Production	16,653	15,747	5.8%	15,519	13,585	14.2%	24,654	22,479	9.7%
Inventory	33,496	33,396	0.3%	31,837	34,374	-7.4%	n/a	n/a	
Unfilled Orders	60,581	60,474	0.2%	58,104	63,575	-8.6%	n/a	n/a	
Book/Bill Ratio	0.67	0.65	2.2%	0.72	0.61	17.8%	n/a	n/a	
Inv/Sales Ratio	1.32	1.36	-2.7%	1.34	1.55	-13.8%	n/a	n/a	
Unf/Sales Ratio	2.39	2.45	-2.8%	2.44	2.87	-14.9%	n/a	n/a	
Prod/Sales Ratio	0.66	0.64	2.6%	0.65	0.61	6.4%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	7,497	7,748	-3.2%	6,726	5,999	12.1%	6,726	5,999	12.1%
Exports	6,460	7,027	-8.1%	6,269	5,793	8.2%	6,269	5,793	8.2%
Balance	(1,037)	(721)	n/a	(457)	(206)	n/a	(457)	(206)	n/a

U.S. ELECTRONICS BILATERAL TRADE

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Jan-93	Jan-92	% ch.	Jan-93	Jan-92	% ch.	Imports	Exports	Balance
Japan	2,315	2,099	10.3%	602	611	-1.5%	2,315	602	(1,713)
Canada	431	406	6.2%	958	1,035	-7.4%	431	958	527
Singapore	598	573	4.4%	348	266	30.8%	598	348	(250)
Mexico	429	393	9.2%	496	464	6.9%	429	496	67
Taiwan	645	576	12.0%	236	195	21.0%	645	236	(409)
S. Korea	465	426	9.2%	203	189	7.4%	465	203	(262)
U.K.	150	144	4.2%	533	430	24.0%	150	533	383
Germany	168	169	-0.6%	399	413	-3.4%	168	399	231
Malaysia	469	350	34.0%	214	159	34.6%	469	214	(255)
Hong Kong	139	n/a	n/a	194	n/a	n/a	139	194	55
Other	917	825	11.2%	2,086	1,820	14.6%	917	2,086	1,169

U.S. ELECTRONICS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.
Production Workers	834.9	835.5	-0.1%	833.9	864.5	-3.5%
All Employees	**1,760.5**	**1,764.9**	**-0.2%**	**1,758.4**	**1,852.3**	**-5.1%**
Hourly Wage Index	n/a	n/a		117.2	112.7	3.9%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX FEBRUARY 1993

(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**94.8**	**95.2**	**-0.5%**	**94.5**	**0.3%**

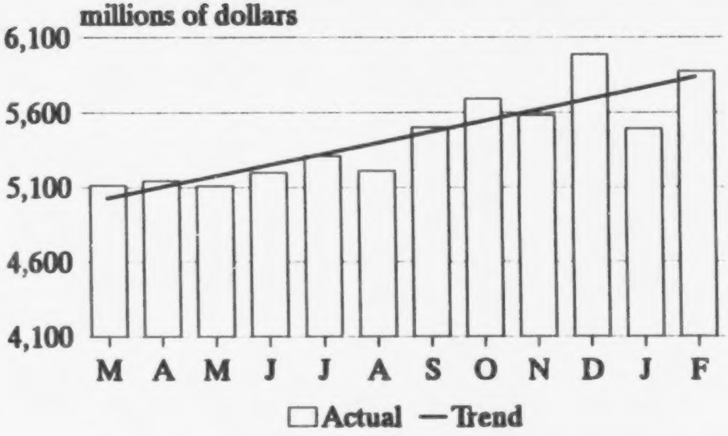
U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 3% in February from the prior month, up 6.2% YTD**
Orders	up	**New Orders up 5% in February, and gained 18% YTD**
Imports	up	**Imports up 12% in January compared to last year**
Exports	up	**Exports jumped 8% over January 1992**
Employment	down	**Total Employment, down 5% in January from prior year**
Wages	up	**Hourly Wages up 4% from January of last year**
Factory Prices	down	**Composite Producer Price Index down 0.5% over February 1992**

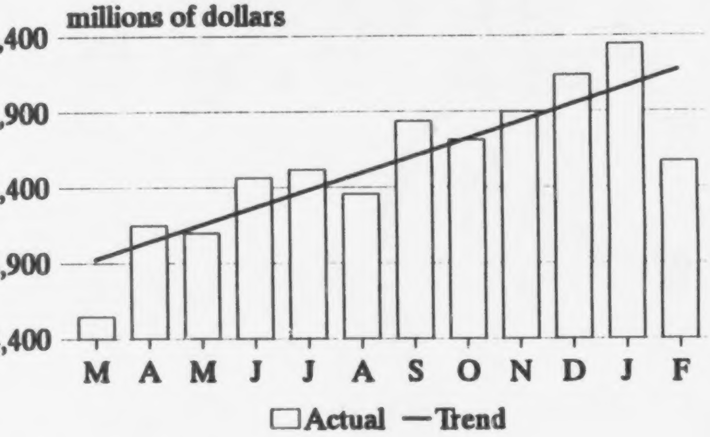
Electronic Components U.S Factory Trends February 1993

(all data seasonally adjusted)

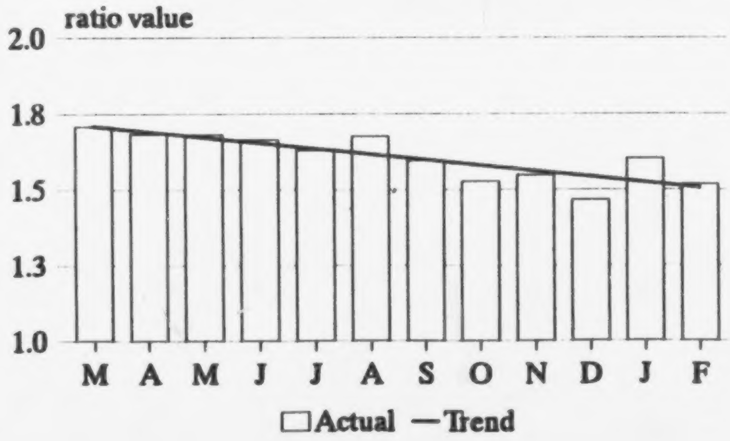
Factory Sales



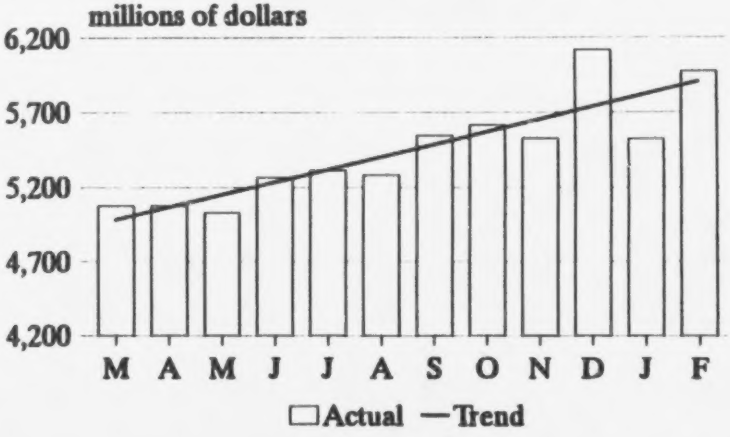
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,870**	**5,490**	**6.9%**	**5,982**	**5,217**	**14.7%**	**11,053**	**10,010**	**10.4%**
New Orders	5,568	6,342	-12.2%	6,079	5,602	8.5%	12,211	10,736	13.7%
Production	5,972	5,522	8.1%	6,151	5,327	15.5%	11,271	10,062	12.0%
Inventory	8,900	8,798	1.2%	8,837	8,699	1.6%	n/a	n/a	
Unfilled Orders	15,544	15,846	-1.9%	15,746	14,195	10.9%	n/a	n/a	
Book/Bill Ratio	0.95	1.16	-17.9%	1.02	1.07	-5.4%	n/a	n/a	
Inv/Sales Ratio	1.52	1.60	-5.4%	1.48	1.67	-11.4%	n/a	n/a	
Unf/Sales Ratio	2.65	2.89	-8.3%	2.63	2.72	-3.3%	n/a	n/a	
Prod/Sales Ratio	1.02	1.01	1.1%	1.03	1.02	0.7%	n/a	n/a	

ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	**up**	**Factory Sales up 7% in February from the prior month, up 10% YTD**
Orders	**down**	**New Orders down 12% in February, and gained 14% YTD**
Imports	**up**	**Imports up 7% in January compared to last year**
Exports	**up**	**Exports climbed 11% over January 1992**
Employment	**down**	**Total Employment, down 3% in January from prior year**
Wages	**up**	**Hourly Wages up 5% from January of last year**
Factory Prices	**flat**	**Composite Producer Price Index unchanged from February 1992**

ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
MPORTS	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	43	47	-8.5%	40	56	-29.0%	40	56	-29.0%
Passive	670	757	-11.5%	661	682	-3.1%	661	682	-3.1%
Solid State	1,284	1,381	-7.0%	1,240	1,078	15.0%	1,240	1,078	15.0%
Total	**1,997**	**2,185**	**-8.6%**	**1,941**	**1,816**	**6.9%**	**1,941**	**1,816**	**6.9%**
EXPORTS									
Electron Tubes	52	53	-1.9%	60	49	21.7%	60	49	21.7%
Passive	476	501	-5.0%	465	526	-11.5%	465	526	-11.5%
Solid State	1,415	1,474	-4.0%	1,381	1,151	20.0%	1,381	1,151	20.0%
Total	**1,943**	**2,028**	**-4.2%**	**1,906**	**1,726**	**10.5%**	**1,906**	**1,726**	**10.5%**
BALANCE									
Electron Tubes	9	6	n/a	20	(7)	n/a	20	(7)	n/a
Passive	(194)	(256)	-24.2%	(196)	(157)	25.2%	(196)	(157)	25.2%
Solid State	131	93	n/a	141	73	n/a	141	73	n/a
Total	**(54)**	**(157)**	**n/a**	**(35)**	**(91)**	**n/a**	**(35)**	**(91)**	**n/a**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	575	522	10.2%	Canada	301	412	-26.9%
Taiwan	174	156	11.5%	Japan	164	129	27.1%
Singapore	124	149	-16.8%	U.K.	126	105	20.0%
Malaysia	209	149	40.3%	Mexico	198	194	2.1%
S. Korea	173	156	10.9%	Germany	67	62	8.1%
Canada	139	164	-15.2%	Singapore	179	129	38.8%
Mexico	171	182	-6.0%	Netherlands	28	20	40.0%
China	32	14	n/a	Taiwan	131	105	24.8%
Thailand	43	n/a	n/a	France	36	36	0.0%
Germany	45	53	-15.1%	Malaysia	160	n/a	n/a
Other	256	243	5.3%	Other	516	455	13.4%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY JANUARY 1993

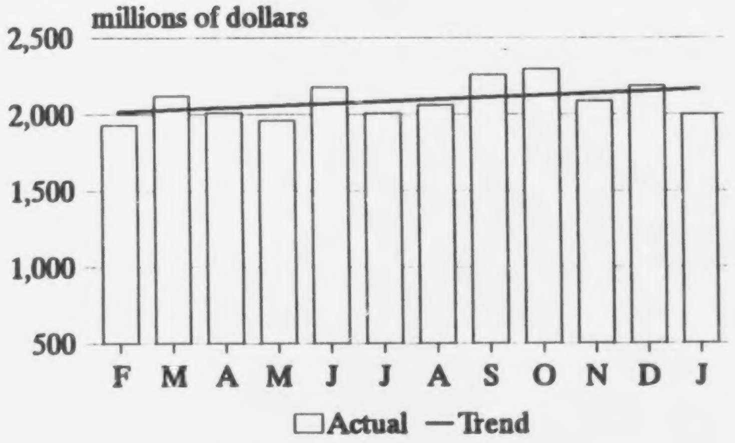
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	28,844	44,354	15,510	28,844	44,354	15,510
Receiving Tubes	220	224	4	220	224	4
Power/Special Purpose Tubes	11,032	15,849	4,817	11,032	15,849	4,817
Capacitors	47,930	53,244	5,314	47,930	53,244	5,314
Resistors	31,848	17,695	(14,153)	31,848	17,695	(14,153)
Relays	35,332	25,507	(9,825)	35,332	25,507	(9,825)
Connectors	43,279	36,917	(6,362)	43,279	36,917	(6,362)
Electronic Wire	76,913	98,354	21,441	76,913	98,354	21,441
Transformers	11,649	1,692	(9,957)	11,649	1,692	(9,957)
Power Supplies	79,811	10,881	(68,930)	79,811	10,881	(68,930)
Printed Circuits and Boards	82,492	74,853	(7,639)	82,492	74,853	(7,639)
Parts of TV/Audio Apparatus	172,470	114,179	(58,291)	172,470	114,179	(58,291)
Indicator Panels	28,850	4,591	(24,259)	28,850	4,591	(24,259)
Switches	12,101	1,840	(10,261)	12,101	1,840	(10,261)
Piezoelectric Crystals	14,183	4,055	(10,128)	14,183	4,055	(10,128)
Other Parts	23,743	21,059	(2,684)	23,743	21,059	(2,684)
EPROMs	49,593	26,498	(23,095)	49,593	26,498	(23,095)
Microprocessors	107,889	166,328	58,439	107,889	166,328	58,439
DRAMs	212,450	86,292	(126,158)	212,450	86,292	(126,158)
SRAMs	65,960	25,583	(40,377)	65,960	25,583	(40,377)
Analog ICs	106,287	67,400	(38,887)	106,287	67,400	(38,887)
Other ICs	409,269	293,882	(115,387)	409,269	293,882	(115,387)
Diodes	28,951	16,812	(12,139)	28,951	16,812	(12,139)
Transistors	28,565	6,172	(22,393)	28,565	6,172	(22,393)
Chips, Wafers & Parts	201,992	670,374	468,382	201,992	670,374	468,382
Other Semiconductors	28,034	17,422	(10,612)	28,034	17,422	(10,612)
Solar Cells	1,407	3,991	2,584	1,407	3,991	2,584
Total	**1,941,094**	**1,906,048**	**(35,046)**	**1,941,094**	**1,906,048**	**(35,046)**

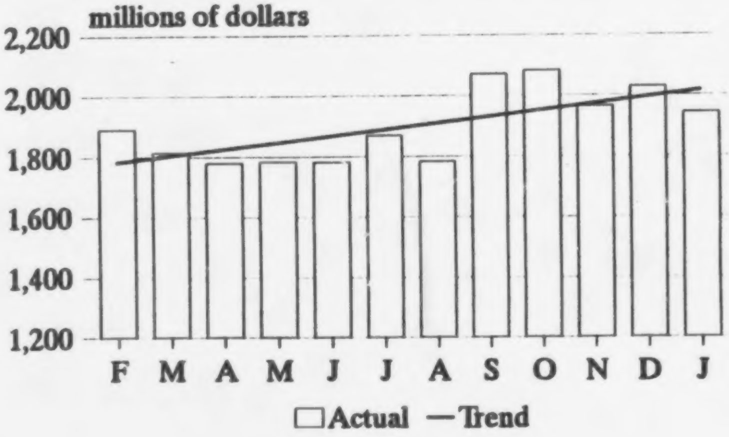
Electronic Components Trade Trends January 1993

(all data seasonally adjusted)

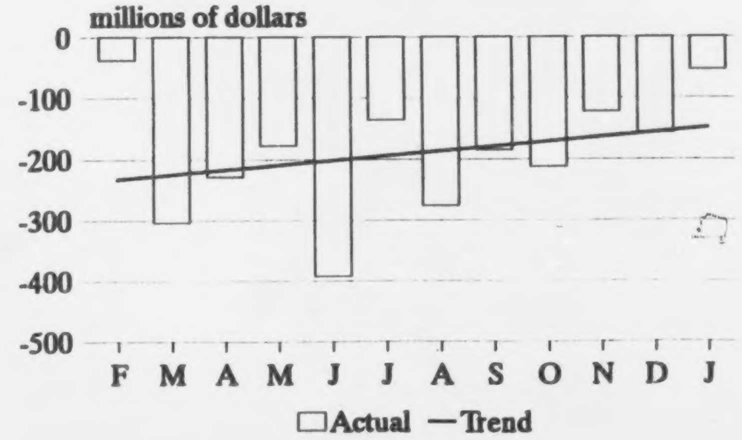
Imports



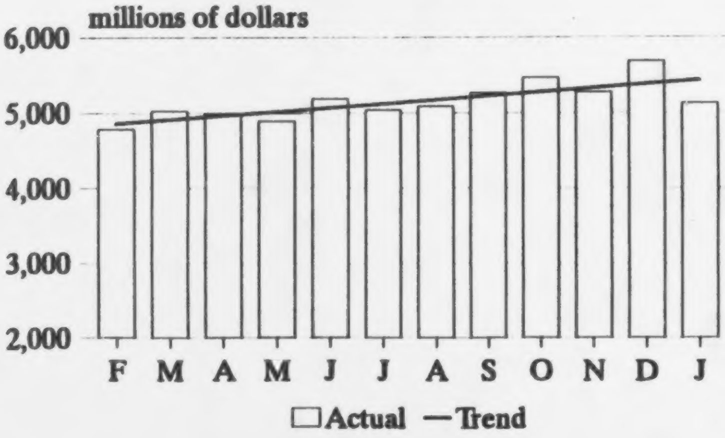
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

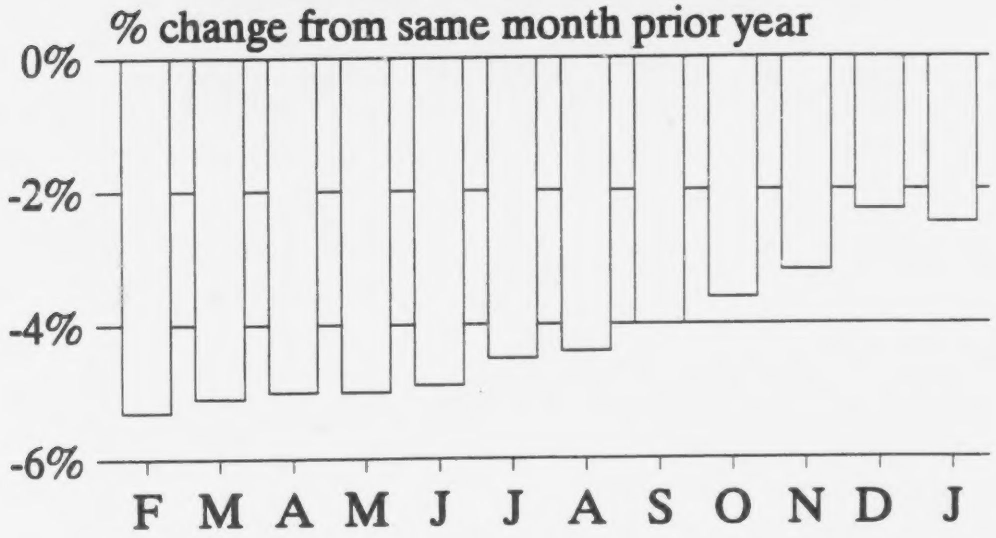
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	**345.4**	**346.2**	**-0.2%**	**345.9**	**-0.1%**
Electron Tubes	16.4	18.3	-10.4%	16.5	-0.6%
Semiconductors	92.5	90.5	2.2%	92.9	-0.4%
Other	236.5	237.4	-0.4%	236.5	0.0%
All Employees	**588.6**	**603.5**	**-2.5%**	**590.2**	**-0.3%**
Electron Tubes	24.6	27.3	-9.9%	24.7	-0.4%
Semiconductors	219.9	226.6	-3.0%	221.1	-0.5%
Other	344.1	349.6	-1.6%	344.4	-0.1%
Hourly Wage Index	121.5	116.0	4.7%	120.8	0.6%
Annual Sales/Employee	108,553	98,502	10.2%	107,768	0.7%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX FEBRUARY 1993

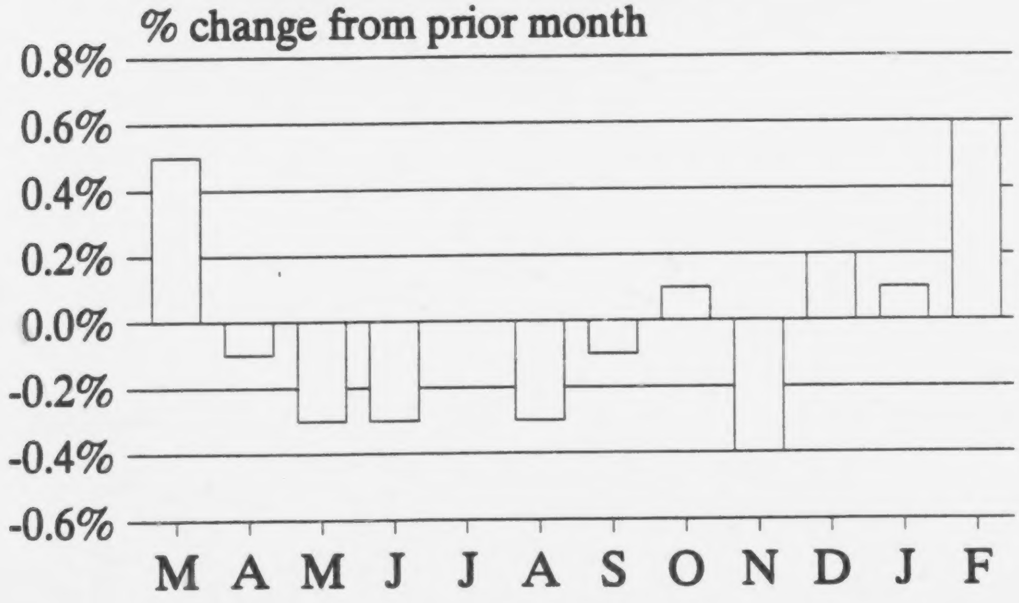
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**99.5**	**99.5**	**0.0%**	**98.9**	**0.6%**
CRTs	96.7	98.7	-2.0%	98.2	-1.5%
Capacitors	98.4	99.5	-1.1%	98.7	-0.3%
Resistors	99.2	99.0	0.2%	99.2	0.0%
Relays	112.0	103.8	7.9%	111.8	0.1%
Switches	102.6	99.1	3.5%	103.1	-0.5%
Connectors	108.8	106.7	1.9%	107.8	0.9%
Filters	109.6	104.9	4.5%	107.7	1.8%
Antennae	90.5	90.0	0.5%	89.9	0.6%
Diodes	101.4	99.8	1.6%	98.4	3.0%
Transistors	101.1	98.5	2.6%	101.3	-0.2%
Semiconductors	93.4	95.1	-1.8%	93.8	-0.4%
Printed Circuits	98.2	99.4	-1.2%	98.8	-0.6%
Electronic Wire	100.2	99.6	0.6%	99.9	0.3%

Electronic Components
All Employees January 1993



Electronic Components
Composite Price Index February 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**815**	**803**	**1.5%**	**747**	**738**	**1.3%**	**1,399**	**1,350**	**3.6%**
Inventory	1,157	1,169	-1.0%	1,263	1,391	-9.2%	n/a	n/a	
Inv/Sales Ratio	1.42	1.46	-2.4%	1.69	1.89	-10.3%	n/a	n/a	

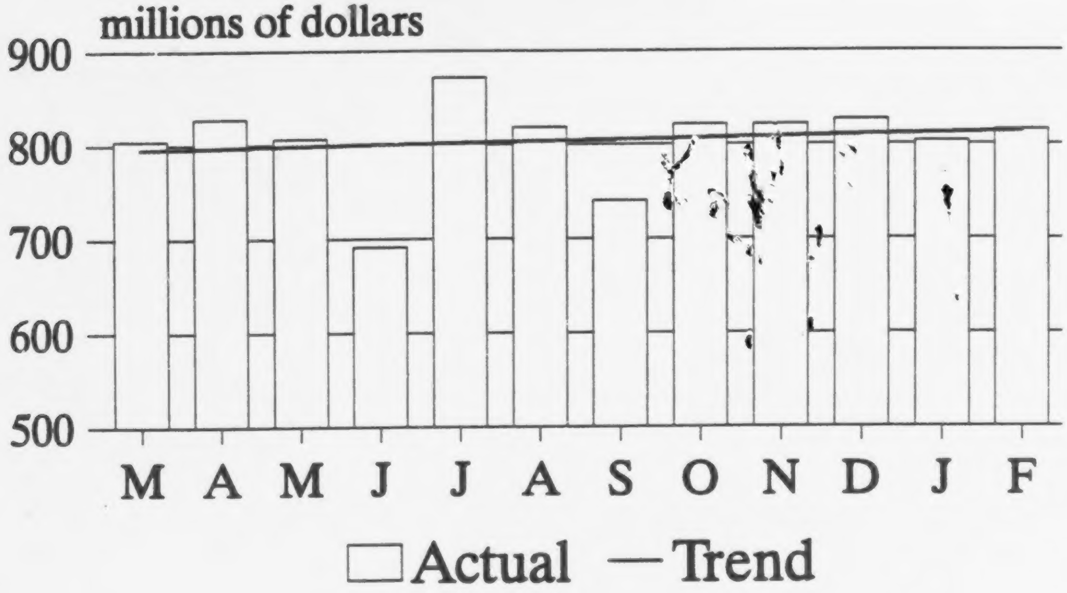
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS FEBRUARY 1993

(not seasonally adjusted millions of dollars)

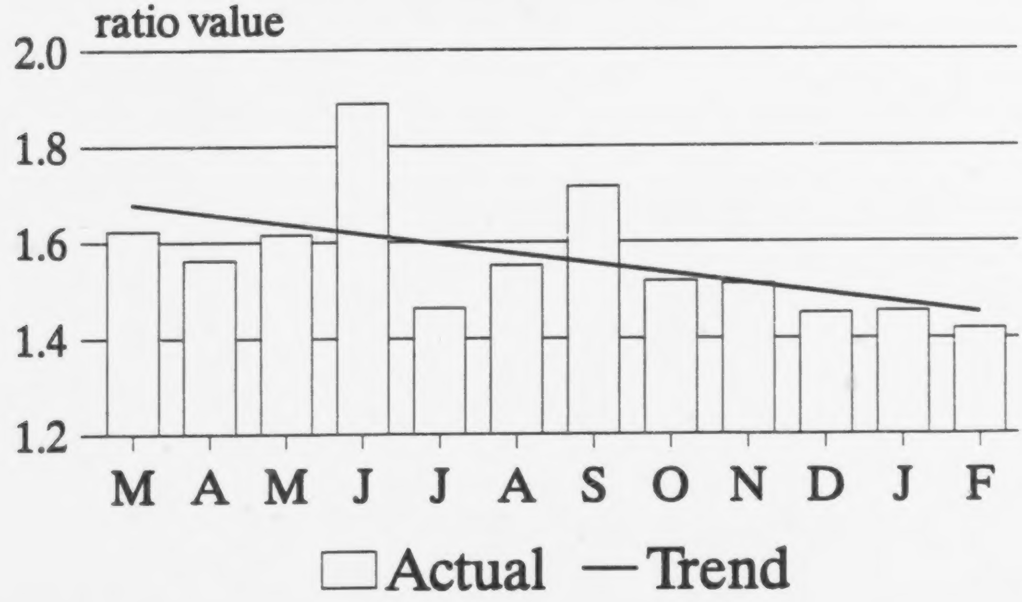
	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**867**	**799**	**8.5%**	**1,752**	**1,562**	**12.2%**
Color TVs	471	414	13.9%	912	774	17.8%
Projection TV	52	41	24.8%	110	93	18.5%
TV/VCR	34	21	n/a	63	46	n/a
VCR Decks	175	201	-13.1%	386	390	-1.0%
Camcorders	100	90	11.9%	211	194	9.0%
Other	35	33	8.2%	70	65	8.2%
Audio Products	**736**	**715**	**3.0%**	**1,387**	**1,366**	**1.5%**
Portable	155	161	-3.6%	307	319	-3.8%
Home Components	115	118	-2.9%	228	245	-7.1%
Autosound	368	348	6.0%	659	627	5.2%
Audio Systems	98	88	10.9%	193	175	9.9%
Home Information Equipment	905	852	6.2%	1,789	1,685	6.2%
Blank Media and Accessories	333	314	6.2%	653	632	3.3%
Total	**2,841**	**2,680**	**6.0%**	**5,581**	**5,245**	**6.4%**

Domestically Produced Consumer Electronics U.S. Factory Trends February 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,511	1,160	n/a	1,031	1,095	-5.8%	1,031	1,095	-5.8%
Exports	246	260	-5.4%	228	220	3.7%	228	220	3.7%
Balance	(1,265)	(900)	n/a	(803)	(875)	-8.2%	(803)	(875)	-8.2%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	433	495	-12.5%	Canada	52	61	-14.8%
Taiwan	36	45	-20.0%	Japan	12	22	-45.5%
Singapore	42	62	-32.3%	U.K.	12	7	n/a
Malaysia	123	105	17.1%	Mexico	40	42	-4.8%
S. Korea	118	130	-9.2%	Germany	11	8	37.5%
Canada	4	5	-20.0%	Singapore	4	3	33.3%
Mexico	122	104	17.3%	Netherlands	9	7	28.6%
China	69	77	-10.4%	Taiwan	9	11	-18.2%
Thailand	32	n/a	n/a	France	4	3	33.3%
Germany	5	4	25.0%	Malaysia	n/a	n/a	n/a
Other	47	65	-27.7%	Other	75	53	41.5%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY JANUARY 1993

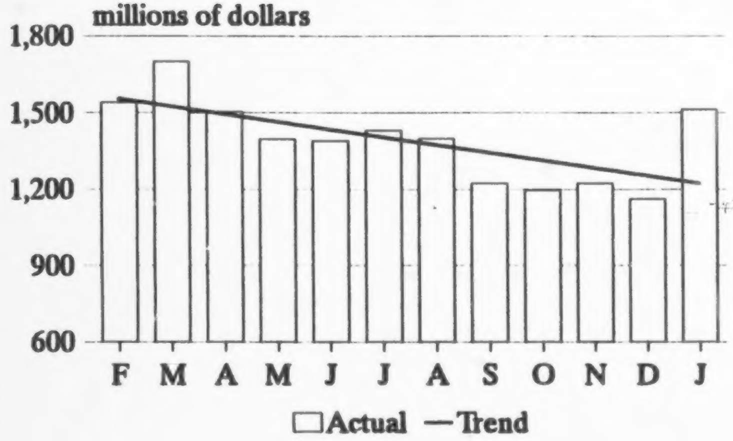
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	162,400	32,222	(130,178)	162,400	32,222	(130,178)
Monochrome TV Receivers	6,866	5,076	(1,790)	6,866	5,076	(1,790)
VCR Decks	176,769	11,840	(164,929)	176,769	11,840	(164,929)
Camcorders	76,778	0	(76,778)	76,778	0	(76,778)
Videocassette Players	6,473	0	(6,473)	6,473	0	(6,473)
Laserdisc Players	8,376	4,651	(3,725)	8,376	4,651	(3,725)
Portable Audio Equipment	53,020	5,237	(47,783)	53,020	5,237	(47,783)
Separate Audio Components	162,334	88,913	(73,421)	162,334	88,913	(73,421)
Home Radios	13,481	260	(13,221)	13,481	260	(13,221)
Home Radio/Tape Combinations	87,374	2,216	(85,158)	87,374	2,216	(85,158)
Autosound Equipment	104,952	23,083	(81,869)	104,952	23,083	(81,869)
Blank Media	60,952	34,993	(25,959)	60,952	34,993	(25,959)
Video Games	111,682	19,218	(92,464)	111,682	19,218	(92,464)
Total	**1,031,457**	**227,709**	**(803,748)**	**1,031,457**	**227,709**	**(803,748)**

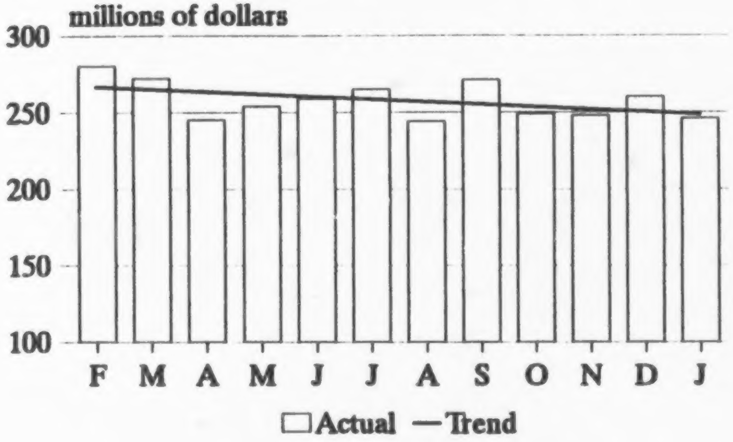
Consumer Electronics Trade Trends January 1993

(all data seasonally adjusted)

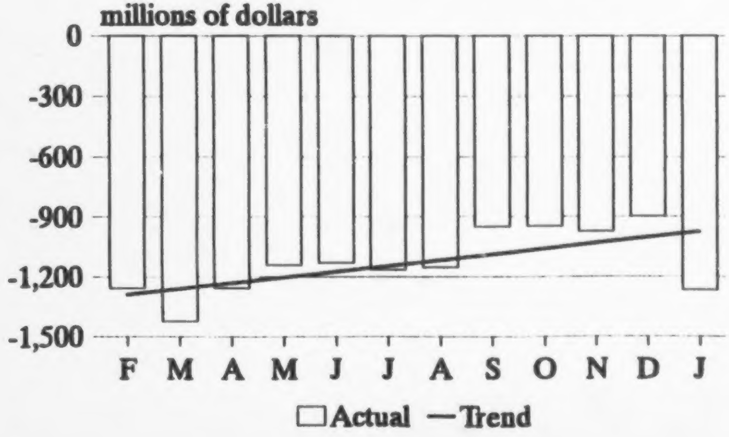
Imports



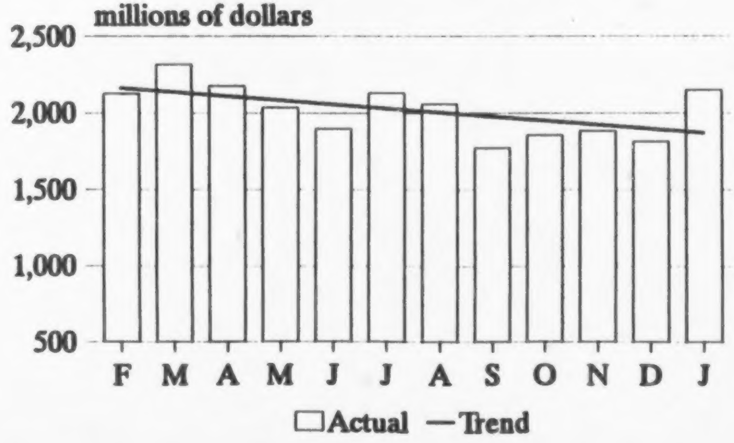
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

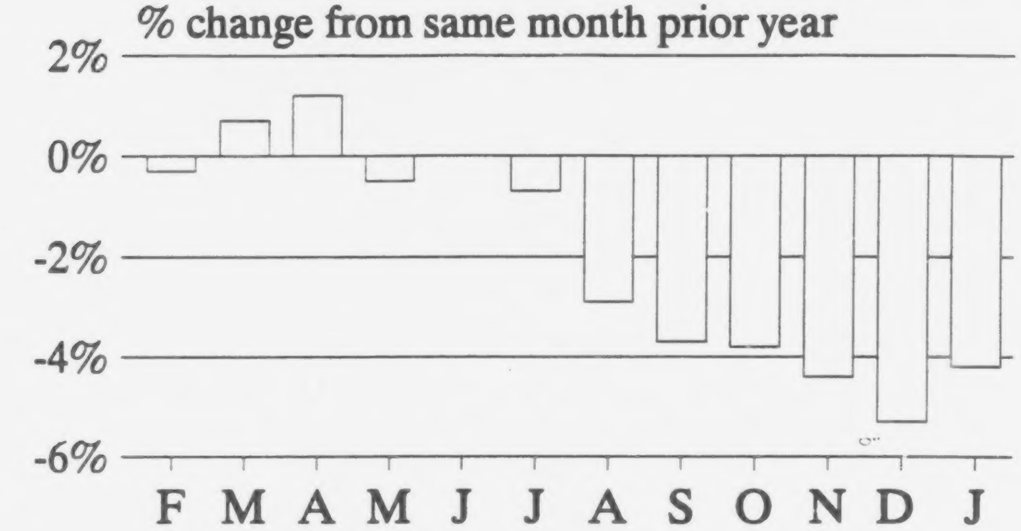
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	37.7	40.5	-6.9%	37.8	7.1%
All Employees	59.4	62.0	-4.2%	59.4	4.4%
Hourly Wage Index	120.6	115.9	4.1%	115.9	0.0%
Annual Sales/Employee	159,311	134,396	18.5%	157,511	-14.7%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX FEBRUARY 1993

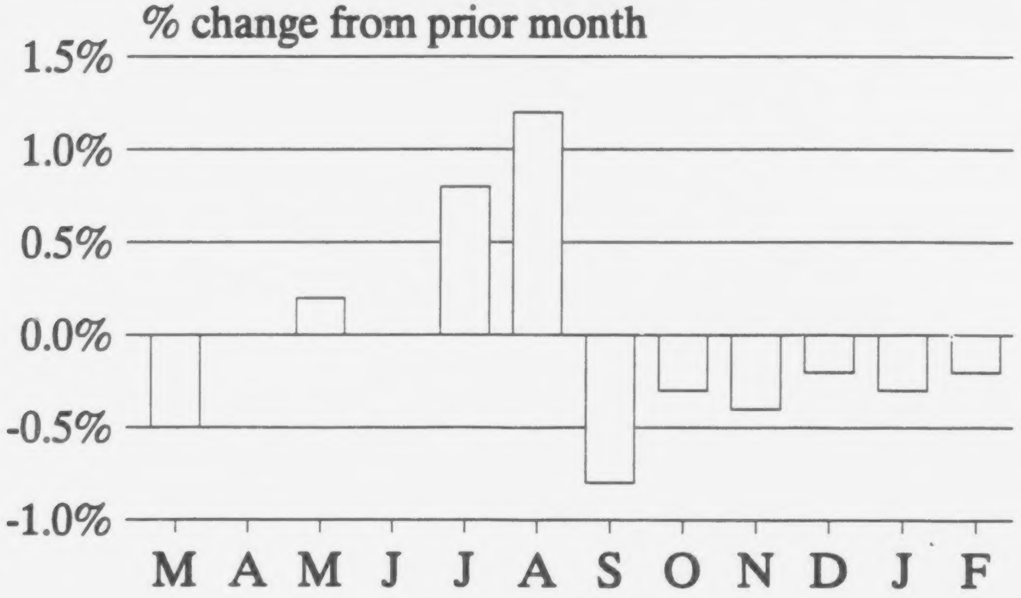
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**94.0**	**94.7**	**-0.7%**	**94.2**	**-0.2%**
Home Audio	85.2	87.5	-2.7%	85.3	-0.1%
Portable Audio	91.0	95.4	-4.6%	90.7	0.4%
Autosound	89.2	93.3	-4.4%	90.8	-1.8%
Audio Systems	91.0	92.1	-1.2%	93.1	-2.3%
Color TV	95.1	98.0	-3.0%	95.2	-0.1%
Projection TV	102.6	93.6	9.6%	100.6	1.9%
VCR Decks	103.6	100.1	3.5%	102.3	1.3%
Camcorders	89.9	91.3	-1.6%	89.0	1.0%

Consumer Electronics
All Employees January 1993



Consumer Electronics
Composite Price Index February 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,054**	**2,949**	**3.6%**	**2,980**	**2,734**	**9.0%**	**5,494**	**5,132**	**7.1%**
New Orders	2,906	2,837	2.5%	2,875	2,630	9.3%	5,320	5,023	5.9%
Production	3,089	3,278	-5.8%	3,022	2,663	13.5%	5,918	5,191	14.0%
Inventory	7,356	7,321	0.5%	7,340	6,673	10.0%	n/a	n/a	
Unfilled Orders	11,208	11,356	-1.3%	11,256	11,161	0.8%	n/a	n/a	
Book/Bill Ratio	0.95	0.96	-1.1%	0.96	0.96	0.3%	n/a	n/a	
Inv/Sales Ratio	2.41	2.48	-3.0%	2.46	2.44	0.9%	n/a	n/a	
Unf/Sales Ratio	3.67	3.85	-4.7%	3.78	4.08	-7.5%	n/a	n/a	
Prod/Sales Ratio	1.01	1.11	-9.0%	1.01	0.97	4.1%	n/a	n/a	

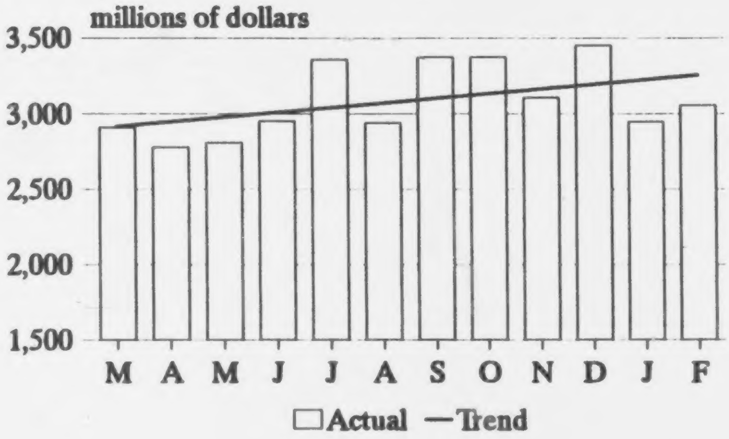
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 4% in February from the prior month, up 7% YTD**
Orders	up	**New Orders up 3% in February, and gained 6% YTD**
Imports	up	**Imports up 7% in January compared to last year**
Exports	up	**Exports climbed 15% over January 1992**
Employment	down	**Total Employment, down 4% in January from prior year**
Wages	down	**Hourly Wages down 2% from January of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from February 1992**

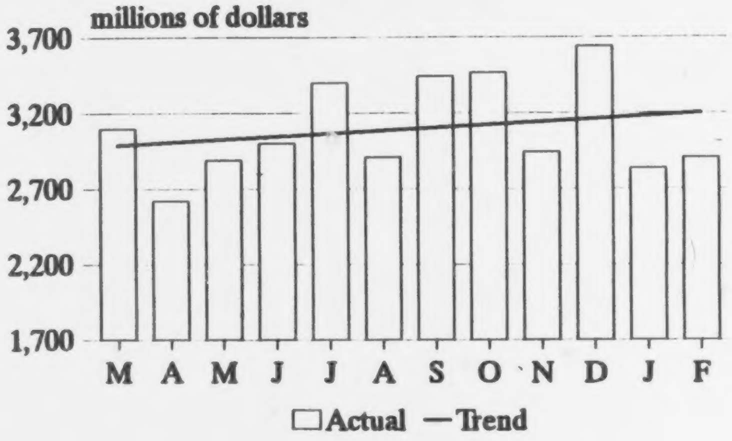
Telecommunications U.S Factory Trends February 1993

(all data seasonally adjusted)

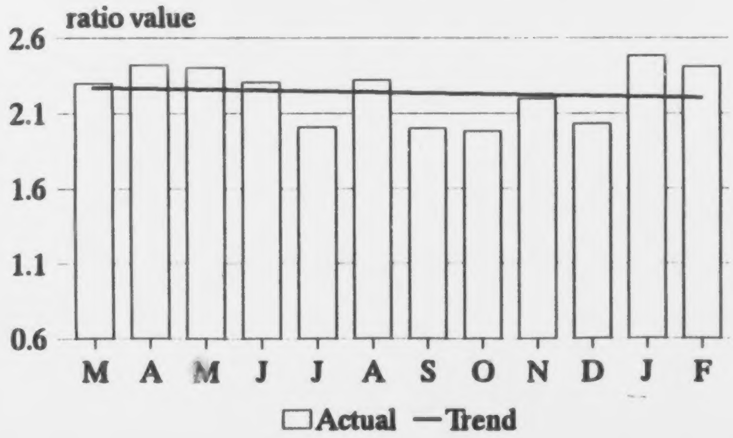
Factory Sales



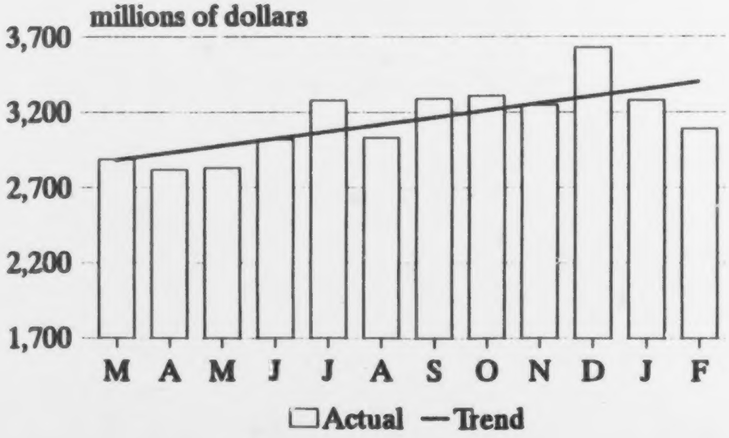
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	680	729	-6.7%	643	602	6.8%	643	602	6.8%
Exports	772	758	1.8%	738	644	14.6%	738	644	14.6%
Balance	92	29	n/a	95	42	n/a	95	42	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	209	217	-3.7%	Canada	139	96	44.8%
Taiwan	38	44	-13.6%	Japan	64	39	n/a
Singapore	17	24	-29.2%	U.K.	55	32	n/a
Malaysia	48	47	2.1%	Mexico	84	90	-6.7%
S. Korea	26	34	-23.5%	Germany	21	23	-8.7%
Canada	81	71	14.1%	Singapore	15	13	15.4%
Mexico	31	28	10.7%	Netherlands	11	11	0.0%
China	58	39	48.7%	Taiwan	20	18	11.1%
Thailand	22	n/a	n/a	France	14	18	-22.2%
Germany	11	8	37.5%	Malaysia	21	n/a	n/a
Other	102	103	-1.0%	Other	294	299	-1.7%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY JANUARY 1993

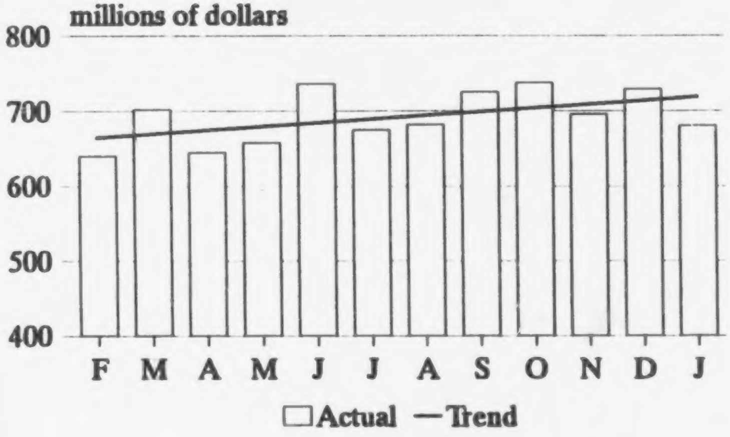
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	87,176	19,801	(67,375)	87,176	19,801	(67,375)
Telephonic Apparatus and Parts	105,074	177,892	72,818	105,074	177,892	72,818
Telegraphic Apparatus and Parts	25,301	75,125	49,824	25,301	75,125	49,824
Radio Transmitters	5,827	24,778	18,951	5,827	24,778	18,951
Radio Receivers	17,249	15,461	(1,788)	17,249	15,461	(1,788)
Radio Transceivers	43,492	86,928	43,436	43,492	86,928	43,436
Telephone Answering Devices	24,322	10,753	(13,569)	24,322	10,753	(13,569)
TV Transmission/Reception App.	114,633	192,677	78,044	114,633	192,677	78,044
Cellular Telephones	29,119	52,332	23,213	29,119	52,332	23,213
Facsimile Machines	89,514	0	(89,514)	89,514	0	(89,514)
Cordless Telephones	70,324	11,992	(58,332)	70,324	11,992	(58,332)
Modems	10,859	30,858	19,999	10,859	30,858	19,999
Paging Alert Devices	8,310	25	(8,285)	8,310	25	(8,285)
Fiber Optic Cable	11,344	14,970	3,626	11,344	14,970	3,626
Other Cable and Parts	0	24,870	24,870	0	24,870	24,870
Total	**642,544**	**738,462**	**95,918**	**642,544**	**738,462**	**95,918**

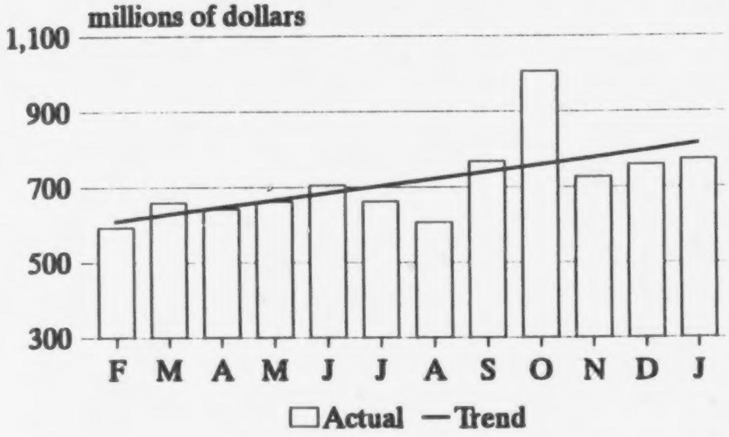
Telecommunications Trade Trends January 1993

(all data seasonally adjusted)

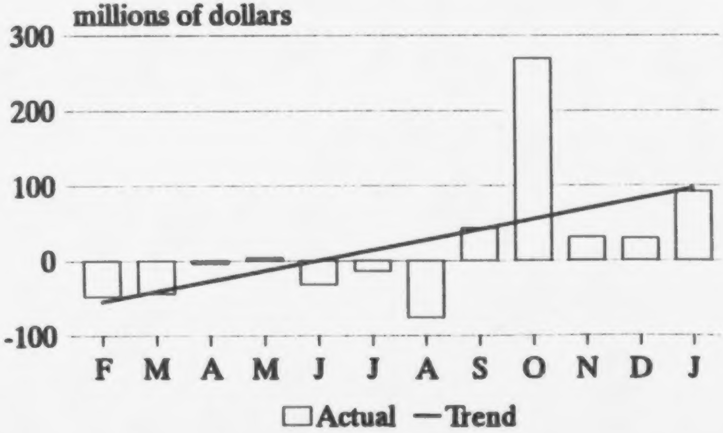
Imports



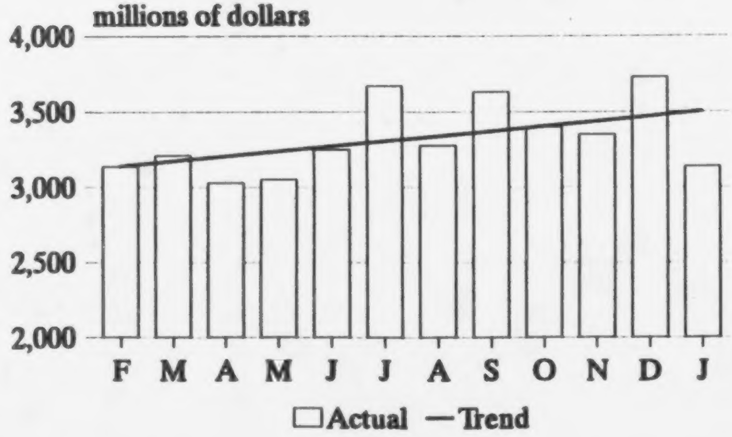
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

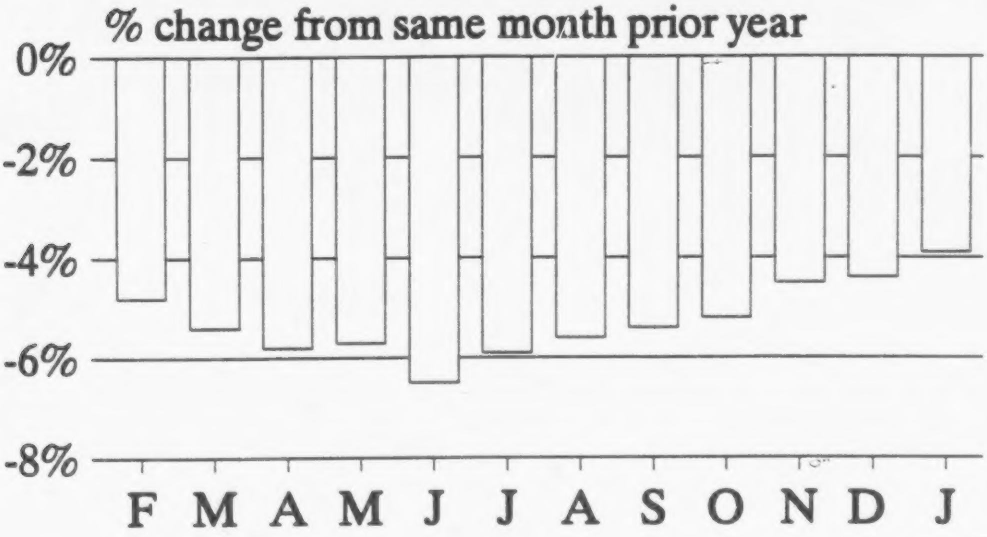
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	**121.2**	**124.0**	**-2.3%**	**121.4**	**-0.2%**
Telephone Equipment	62.7	62.2	0.8%	62.6	0.2%
Other	58.5	61.8	-5.3%	58.8	-0.5%
All Employees	**236.2**	**245.7**	**-3.9%**	**235.9**	**0.1%**
Telephone Equipment	112.2	115.0	-2.4%	111.8	0.4%
Other	124.0	130.7	-5.1%	124.1	-0.1%
Hourly Wage Index	107.1	109.7	-2.4%	106.3	0.8%
Annual Sales/Employee	118,000	99,400	18.7%	117,295	0.6%

TELECOMMUNICATIONS PRODUCER PRICE INDEX FEBRUARY 1993

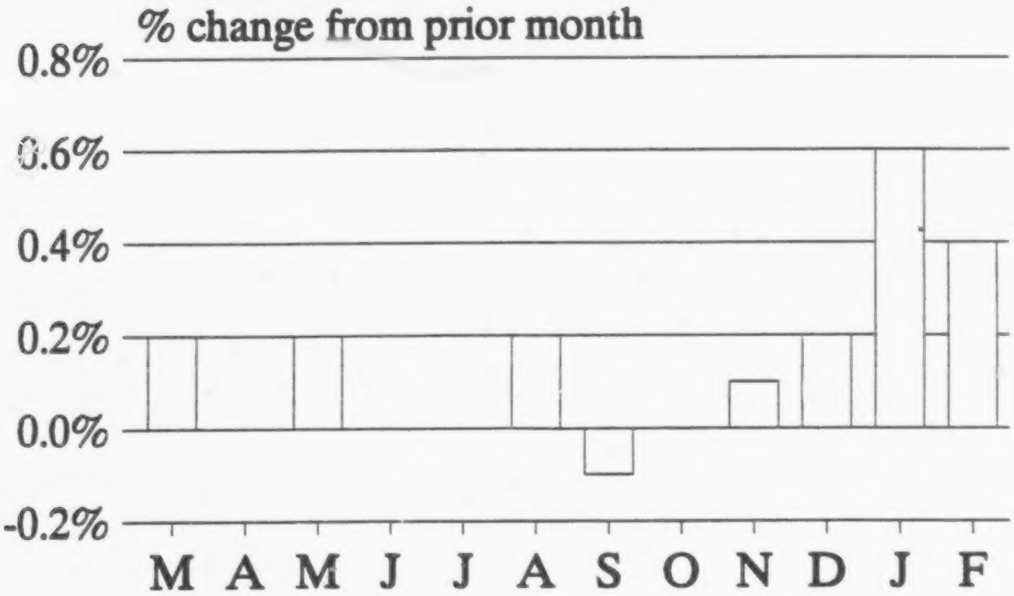
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**104.8**	**102.8**	**1.9%**	**104.4**	**0.4%**
Line Transmission	99.2	98.2	1.0%	98.6	0.6%
Switching Equipment	104.6	103.8	0.9%	104.6	0.0%
Telephone Sets	90.4	93.5	-3.4%	90.0	0.4%
Other Telephone	108.1	101.9	6.0%	104.8	3.1%
Broadcast Equipment	103.7	101.7	1.9%	103.9	-0.2%
Mobile Communications	106.7	105.1	1.6%	106.7	0.0%
Intercom Systems	102.1	101.2	1.0%	102.0	0.1%
Fiber Optic Cable	104.8	104.0	0.8%	104.8	0.0%

Telecommunications
All Employees January 1993



Telecommunications
Composite Price Index February 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,658**	**2,597**	**2.3%**	**2,457**	**2,573**	**-4.5%**	**4,567**	**4,701**	**-2.9%**
New Orders	2,589	3,011	-14.0%	2,165	2,397	-9.7%	4,803	5,083	-5.5%
Production	2,620	2,373	10.4%	2,613	2,561	2.0%	4,554	4,582	-0.6%
Inventory	6,346	6,383	-0.6%	6,334	7,560	-16.2%	n/a	n/a	
Unfilled Orders	34,898	34,967	-0.2%	35,144	37,868	-7.2%	n/a	n/a	
Book/Bill Ratio	0.97	1.16	-16.0%	0.88	0.93	-5.4%	n/a	n/a	
Inv/Sales Ratio	2.39	2.46	-2.9%	2.58	2.94	-12.3%	n/a	n/a	
Unf/Sales Ratio	13.13	13.46	-2.5%	14.30	14.72	-2.8%	n/a	n/a	
Prod/Sales Ratio	0.99	0.91	7.9%	1.06	1.00	6.8%	n/a	n/a	

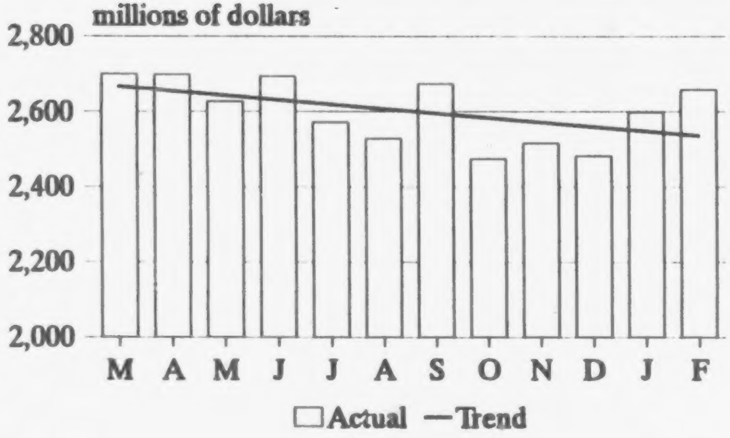
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 2% in February from the prior month, down 3% YTD**
Orders	down	**New Orders down 14% in February, losing 6% YTD**
Imports	down	**Imports down 1% in January compared to last year**
Exports	down	**Exports dropped 1% over January 1992**
Employment	down	**Total Employment, down 12% in January from prior year**
Wages	down	**Hourly Wages up 3% from January of last year**
Factory Prices	down	**Composite Producer Price Index down 0.4% from February 1992**

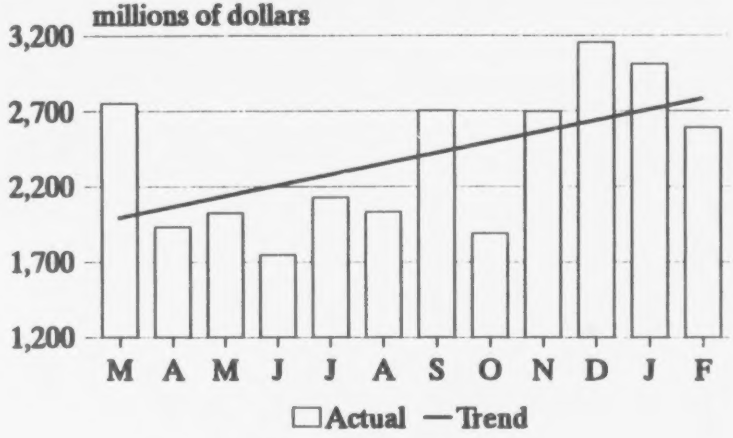
Defense Communications U.S Factory Trends February 1993

(all data seasonally adjusted)

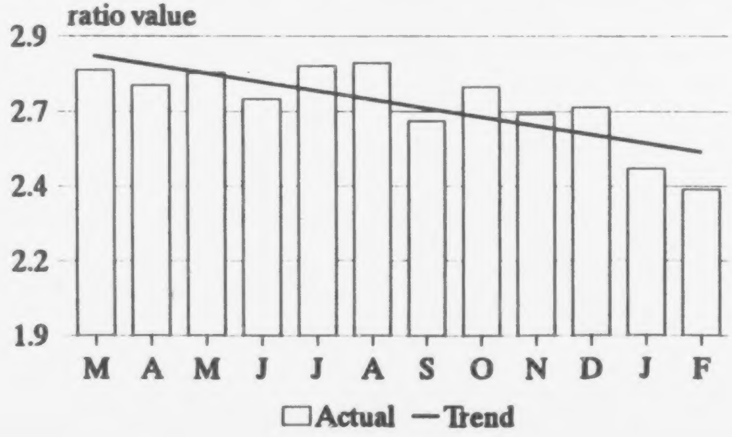
Factory Sales



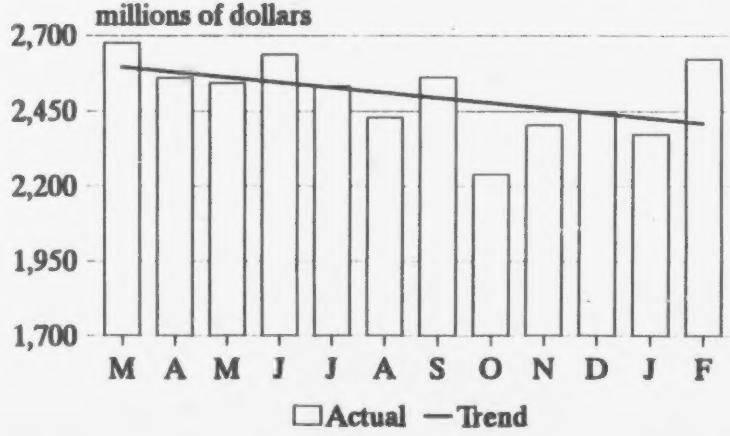
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	79	98	-19.4%	81	82	-0.9%	81	82	-0.9%
Exports	189.	193	-2.1%	191	194	-1.3%	191	194	-1.3%
Balance	110	95	15.8%	110	112	-1.6%	110	112	-1.6%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	8	13	-38.5%	Canada	19	21	-9.5%
Taiwan	10	7	42.9%	Japan	18	20	-10.0%
Singapore	1	1	0.0%	U.K.	20	17	17.6%
Malaysia	1	n/a	n/a	Mexico	5	6	-16.7%
S. Korea	3	5	-40.0%	Germany	11	5	n/a
Canada	18	11	n/a	Singapore	1	3	n/a
Mexico	7	6	16.7%	Netherlands	9	14	-35.7%
China	7	3	n/a	Taiwan	17	5	n/a
Thailand	n/a	n/a	n/a	France	11	19	-42.1%
Germany	2	2	0.0%	Malaysia	1	n/a	n/a
Other	24	20	20.0%	Other	79	66	19.7%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY JANUARY 1993

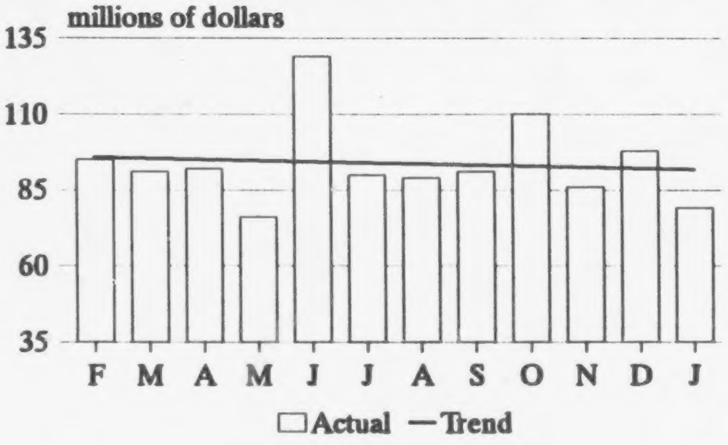
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	24,926	14,925	(10,001)	24,926	14,925	(10,001)
Sound/Sight Signaling App	1,051	4,603	3,552	1,051	4,603	3,552
Radar/Radio Navigational Equip	54,804	169,746	114,942	54,804	169,746	114,942
Meteorological/Geophysical App	514	1,574	1,060	514	1,574	1,060
Total	**81,295**	**190,848**	**109,553**	**81,295**	**190,848**	**109,553**

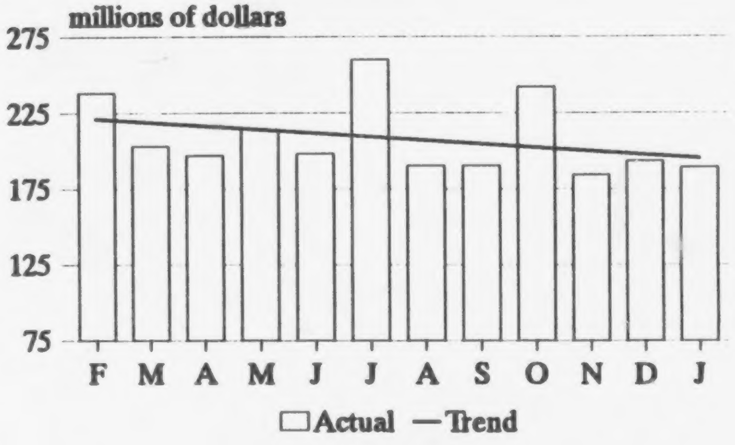
Defense Communications Trade Trends January 1993

(all data seasonally adjusted)

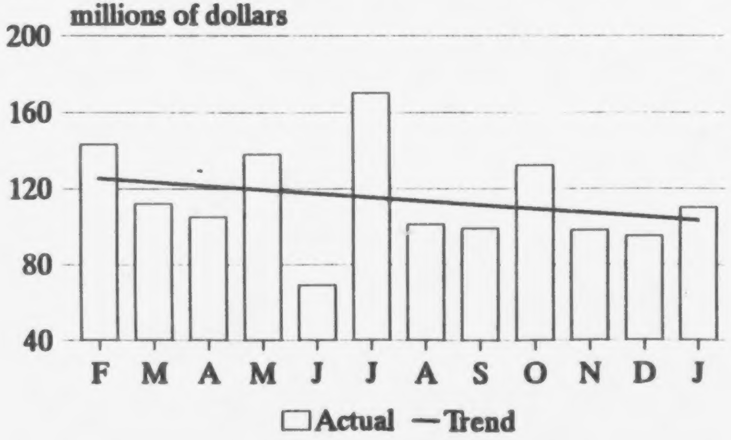
Imports



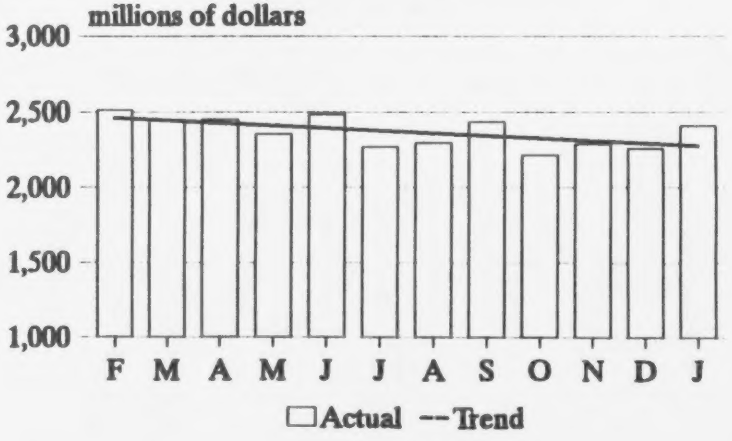
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

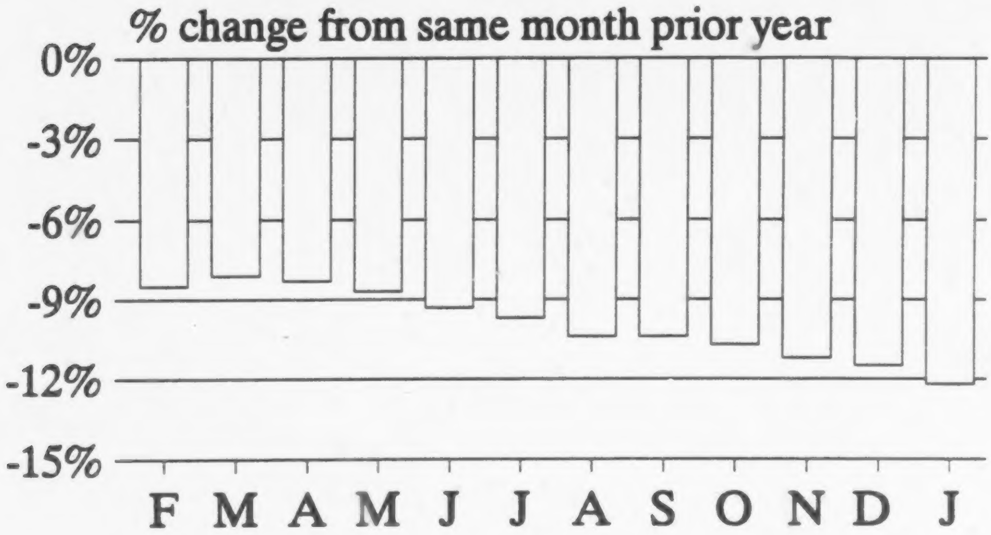
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	69.8	79.9	-12.6%	71.4	-2.2%
All Employees	221.4	252.1	-12.2%	225.7	-1.9%
Hourly Wage Index	121.5	117.6	3.3%	122.7	-0.9%
Annual Sales/Employee	132,903	129,473	2.6%	131,683	0.9%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX FEBRUARY 1993

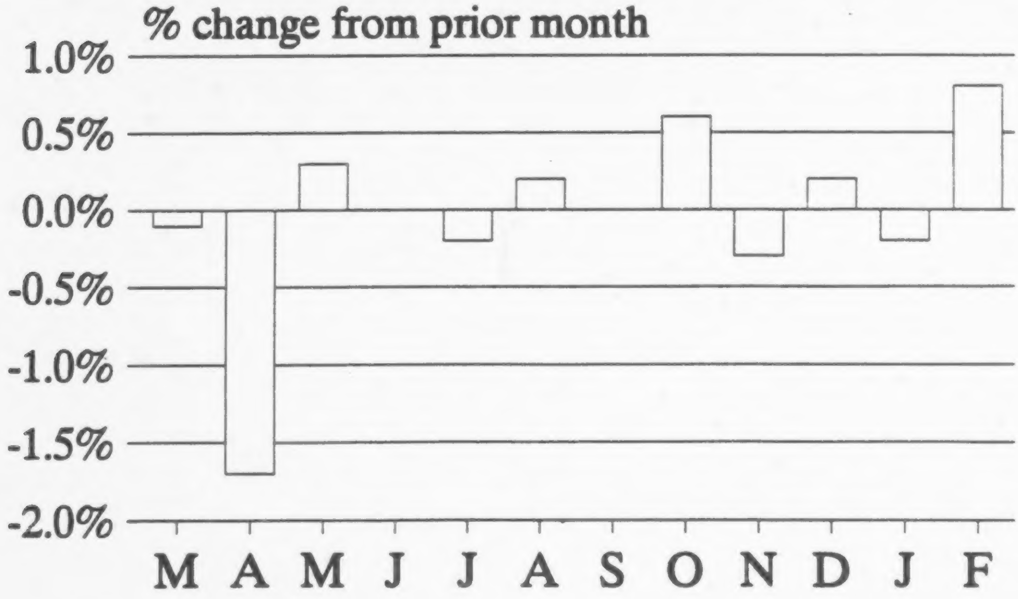
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**99.9**	**100.3**	**-0.4%**	**99.1**	**0.8%**
Navigation Systems	102.8	102.4	0.4%	102.0	0.8%
Radar Equipment	103.3	100.4	2.9%	101.8	1.5%
Defense Electronics	95.3	99.5	-4.3%	95.3	0.0%

Defense Communications
All Employees January 1993



Defense Communications
Composite Price Index February 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,298**	**5,169**	**2.5%**	**4,554**	**3,815**	**19.4%**	**8,466**	**7,234**	**17.0%**
New Orders	5,943	5,432	9.4%	5,230	3,902	n/a	9,349	7,311	27.9%
Production	5,393	5,241	2.9%	4,805	3,757	27.9%	8,968	7,831	14.5%
Inventory	7,919	7,824	1.2%	7,951	8,028	-1.0%	n/a	n/a	
Unfilled Orders	6,889	6,537	5.4%	6,738	7,386	-8.8%	n/a	n/a	
Book/Bill Ratio	1.12	1.05	6.7%	1.15	1.02	12.3%	n/a	n/a	
Inv/Sales Ratio	1.49	1.51	-1.2%	1.75	2.10	-17.0%	n/a	n/a	
Unf/Sales Ratio	1.30	1.26	2.8%	1.48	1.94	-23.6%	n/a	n/a	
Prod/Sales Ratio	1.02	1.01	0.4%	1.06	0.98	7.2%	n/a	n/a	

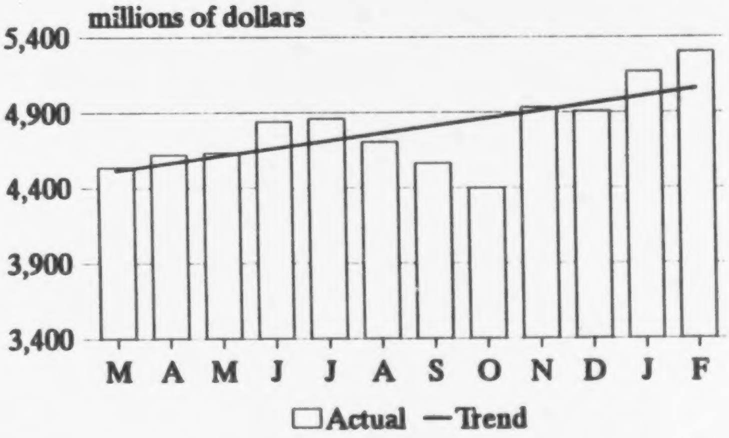
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 3% in February from the prior month, down 17% YTD**
Orders	up	**New Orders down 9% in February, losing 28% YTD**
Imports	up	**Imports up 28% in January compared to last year**
Exports	up	**Exports rose 8% over January 1992**
Employment	down	**Total Employment, down 6% in January from prior year**
Wages	up	**Hourly Wages up 1% from January of last year**
Factory Prices	down	**Composite Producer Price Index down 4% from February 1992**

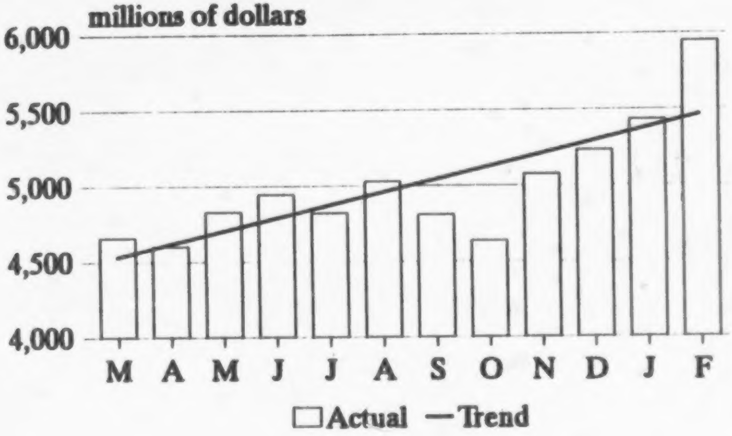
Computers & Peripherals U.S Factory Trends February 1993

(all data seasonally adjusted)

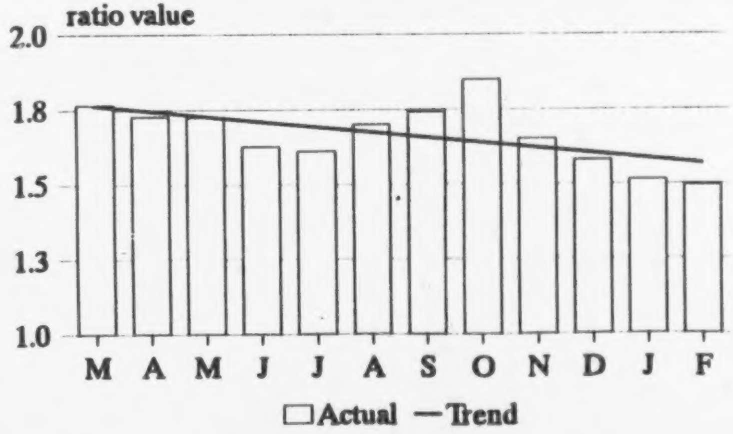
Factory Sales



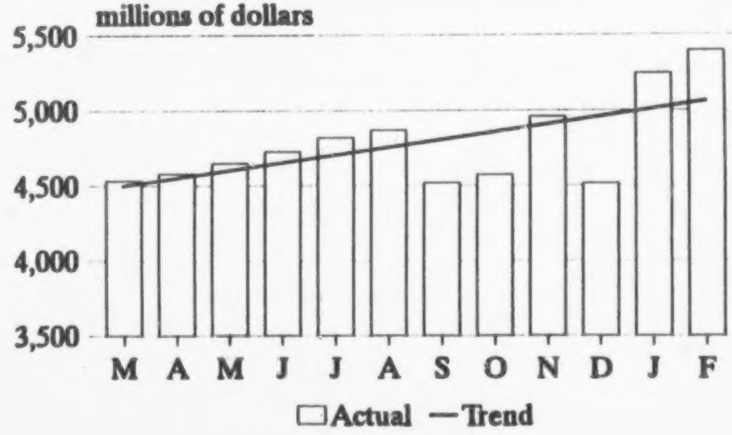
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	2,820	3,065	-8.0%	2,643	2,063	28.1%	2,643	2,063	28.1%
Exports	2,466	2,856	-13.7%	2,377	2,192	8.4%	2,377	2,192	8.4%
Balance	(354)	(209)	n/a	(266)	129	n/a	(266)	129	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	954	739	29.1%	Canada	350	341	2.6%
Taiwan	381	318	19.8%	Japan	242	267	-9.4%
Singapore	408	335	21.8%	U.K.	267	222	20.3%
Malaysia	87	49	n/a	Mexico	117	87	34.5%
S. Korea	142	99	43.4%	Germany	216	233	-7.3%
Canada	155	130	19.2%	Singapore	128	102	25.5%
Mexico	81	54	50.0%	Netherlands	193	136	41.9%
China	71	32	n/a	Taiwan	35	34	2.9%
Thailand	84	n/a	n/a	France	104	109	-4.6%
Germany	32	36	-11.1%	Malaysia	18	n/a	n/a
Other	248	210	18.1%	Other	707	625	13.1%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY JANUARY 1993

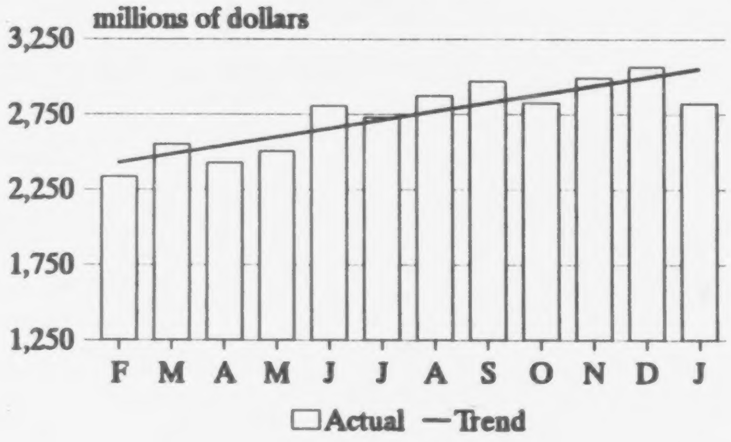
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	370,996	605,260	234,264	370,996	605,260	234,264
Monitors	343,331	51,112	(292,219)	343,331	51,112	(292,219)
Disk Drives and Blank Media	736,044	497,498	(238,546)	736,044	497,498	(238,546)
Printers	260,687	122,316	(138,371)	260,687	122,316	(138,371)
Other Computer Peripherals	67,737	86,478	18,741	67,737	86,478	18,741
Other Business Machines/Parts	863.764	1.014.776	151,012	863.764	1,014.776	151,012
Total	**2,642,559**	**2,377,440**	**(265,119)**	**2,642,559**	**2,377,440**	**(265,119)**

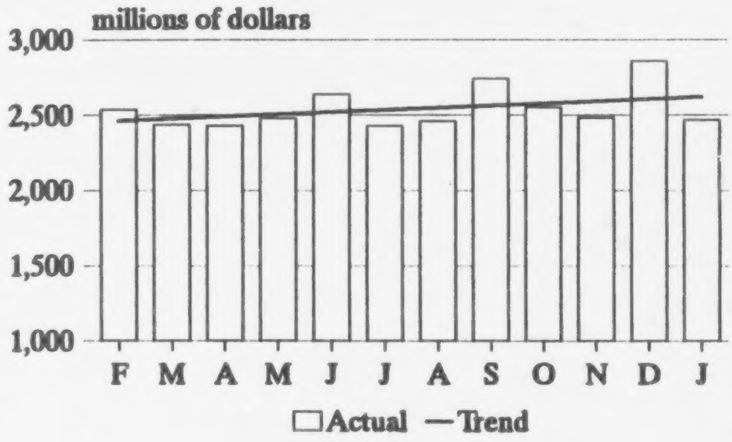
Computers & Peripherals Trade Trends January 1993

(all data seasonally adjusted)

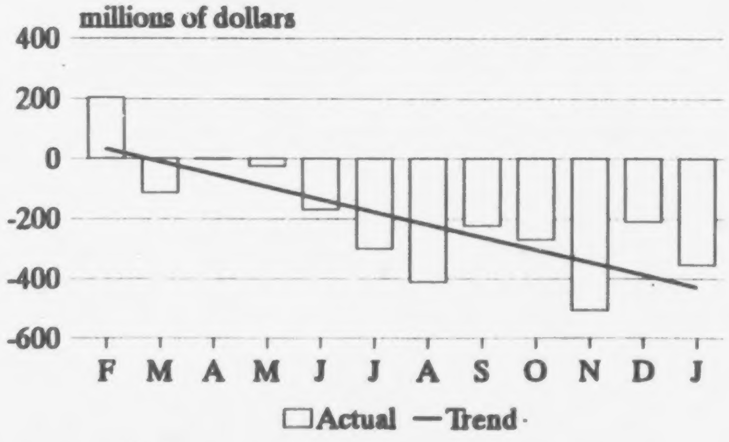
Imports



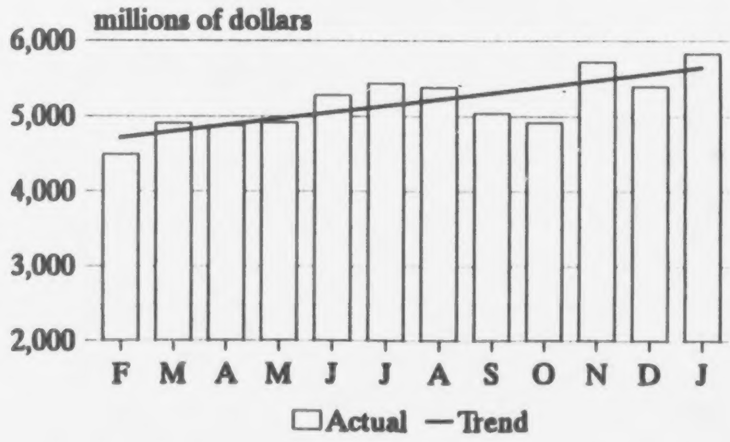
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

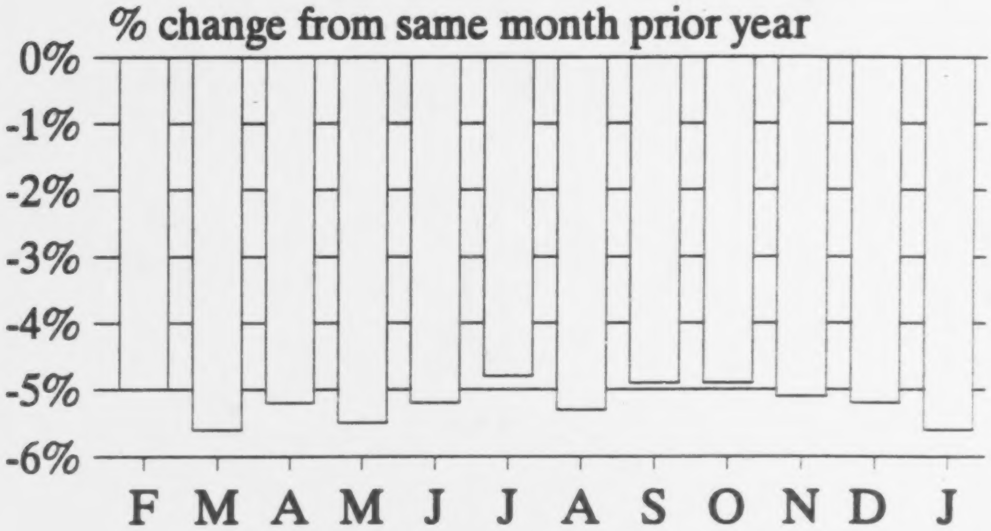
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	**128.3**	**131.6**	**-2.5%**	**128.9**	**-0.5%**
Computers	57.8	63.5	-9.0%	58.5	-1.2%
Other	70.5	68.1	3.5%	70.4	0.1%
All Employees	**380.9**	**403.7**	**-5.6%**	**384.4**	**-0.9%**
Computers	225.2	248.3	-9.3%	229.0	-1.7%
Other	155.7	155.4	0.2%	155.4	0.2%
Hourly Wage Index	115.7	115.0	0.6%	117.5	-1.5%
Annual Sales/Employee	121.130	101.336	19.5%	119,297	1.5%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX FEBRUARY 1993

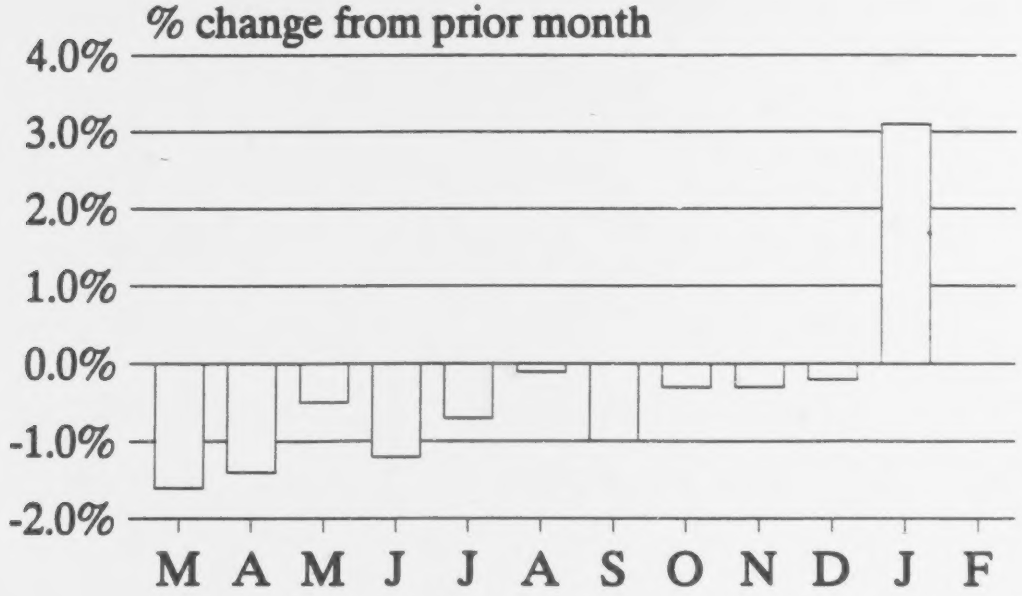
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**75.1**	**78.5**	**-4.4%**	**75.1**	**0.0%**
16-bit Computers	74.2	75.1	-1.2%	74.2	0.0%
32-bit Computers	68.3	74.8	-8.7%	68.3	0.0%
Hard Disks	101.8	100.7	1.1%	101.8	0.0%
Floppy Diskettes	91.9	96.4	-4.7%	92.0	-0.1%

Computers & Peripherals
All Employees January 1993



Computers & Peripherals
Composite Price Index February 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,291**	**2,153**	**6.4%**	**2,214**	**2,062**	**7.4%**	**4,132**	**3,993**	**3.5%**
New Orders	2,272	2,349	-3.3%	3,945	2,198	n/a	7,382	4,541	n/a
Production	2,298	2,148	7.0%	2,122	1,893	12.1%	3,951	3,598	9.8%
Inventory	4,619	4,612	0.1%	2,902	4,235	n/a	n/a	n/a	
Unfilled Orders	5,685	5,656	0.5%	3,067	5,306	n/a	n/a	n/a	
Book/Bill Ratio	0.99	1.09	-9.1%	1.78	1.07	n/a	n/a	n/a	
Inv/Sales Ratio	2.02	2.14	-5.9%	1.31	2.05	n/a	n/a	n/a	
Unf/Sales Ratio	2.48	2.63	-5.6%	1.39	2.57	n/a	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	0.5%	0.96	0.92	4.4%	n/a	n/a	

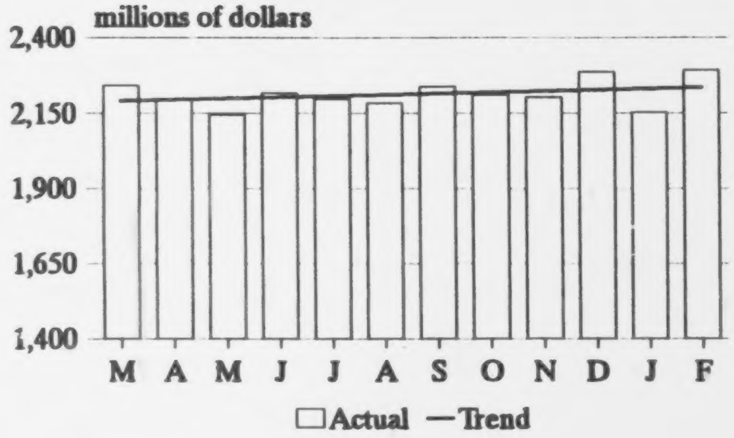
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 6% in February from the prior month, down 4% YTD**
Orders	down	**New Orders down 3% in February, up sharply YTD**
Imports	up	**Imports up more than 30% in January compared to last year**
Exports	up	**Exports rose 1% over January 1992**
Employment	down	**Total Employment, down 5% in January from prior year**
Wages	up	**Hourly Wages up 10% from January of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from February 1992**

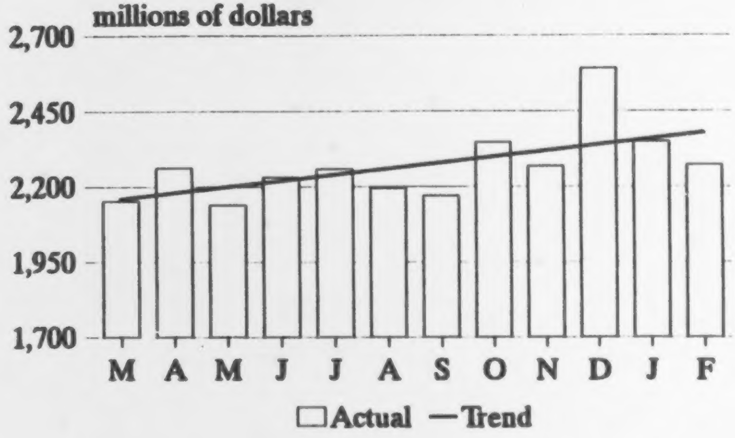
Industrial Electronics U.S Factory Trends February 1993

(all data seasonally adjusted)

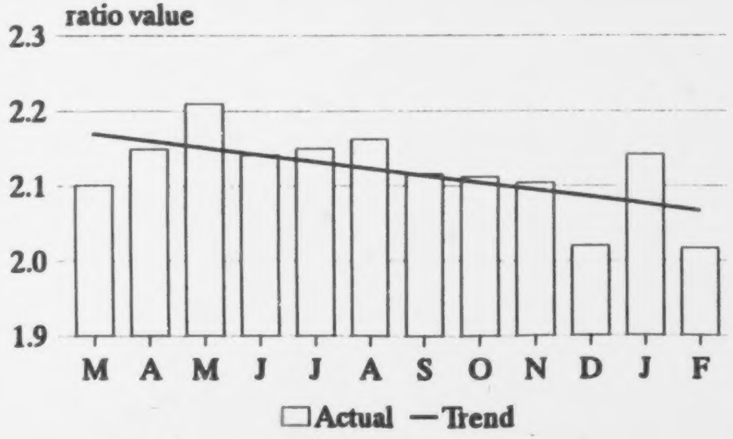
Factory Sales



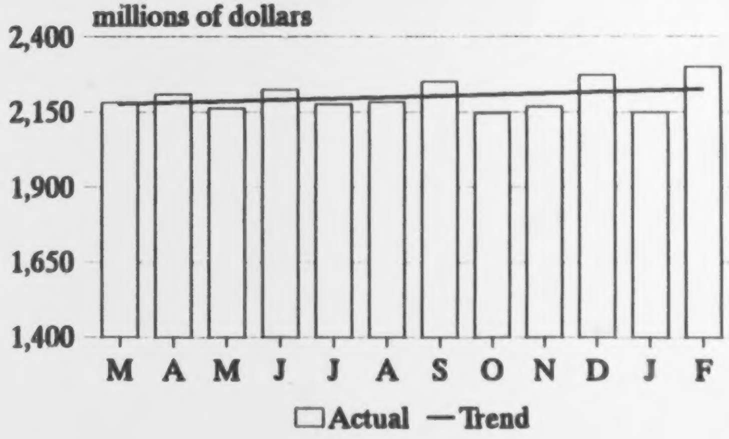
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	228	299	-23.7%	225	171	n/a	225	171	n/a
Exports	571	645	-11.5%	564	557	1.2%	564	557	1.2%
Balance	343	346	-0.9%	339	386	-12.3%	339	386	-12.3%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	83	47	n/a	Canada	74	79	-6.3%
Taiwan	5	5	0.0%	Japan	63	86	-26.7%
Singapore	2	1	n/a	U.K.	42	35	20.0%
Malaysia	1	n/a	n/a	Mexico	39	36	8.3%
S. Korea	3	2	50.0%	Germany	40	46	-13.0%
Canada	31	22	40.9%	Singapore	19	13	46.2%
Mexico	11	13	-15.4%	Netherlands	14	13	7.7%
China	2	1	n/a	Taiwan	19	20	-5.0%
Thailand	n/a	n/a	n/a	France	38	27	40.7%
Germany	29	21	38.1%	Malaysia	13	n/a	n/a
Other	58	35	n/a	Other	203	173	17.3%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY JANUARY 1993

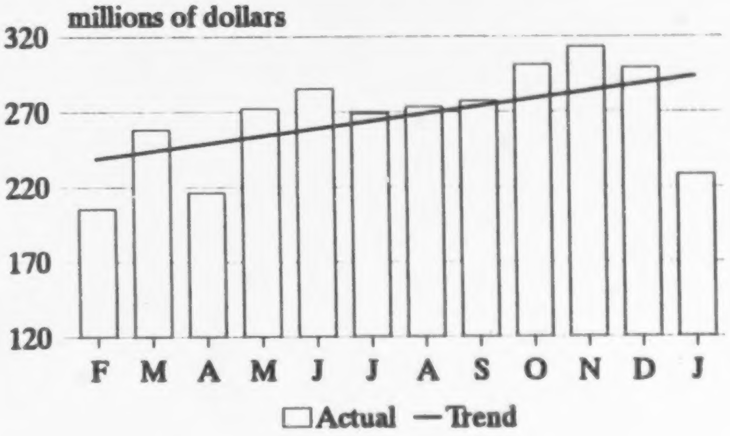
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	15,394	5,106	(10,288)	15,394	5,106	(10,288)
Testing/Analyzing Equip	34,518	169,495	134,977	34,518	169,495	134,977
Measuring/Analyzing Equip	60,538	177,252	116,714	60,538	177,252	116,714
Process/Control Devices	15,127	61,247	46,120	15,127	61,247	46,120
Other Electronic Machinery	99,796	151,362	51,566	99,796	151,362	51,566
Total	**225,373**	**564,462**	**339,089**	**225,373**	**564,462**	**339,089**

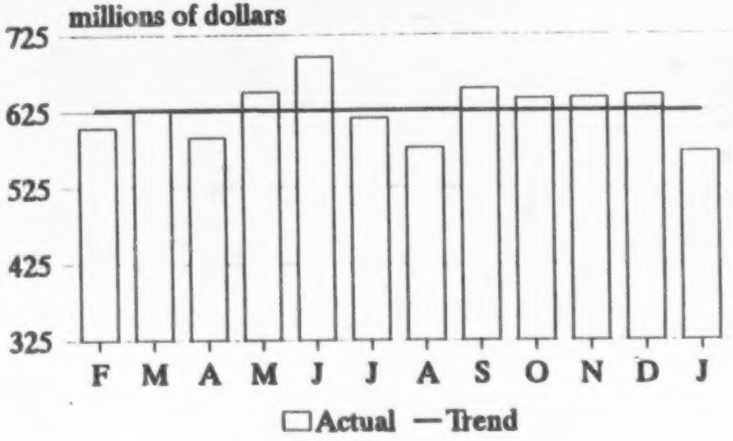
Industrial Electronics Trade Trends January 1993

(all data seasonally adjusted)

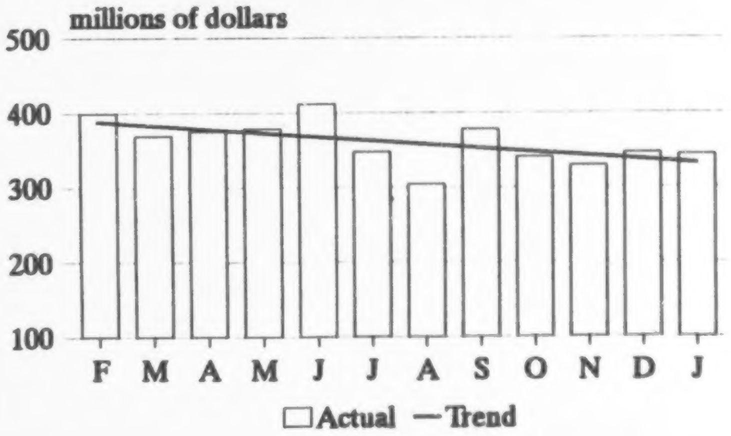
Imports



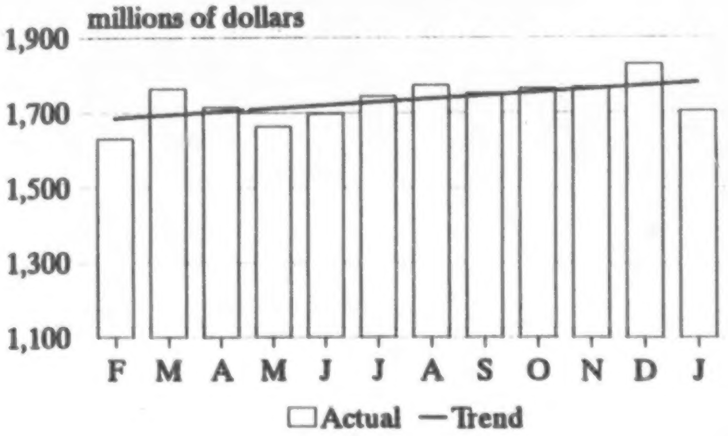
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

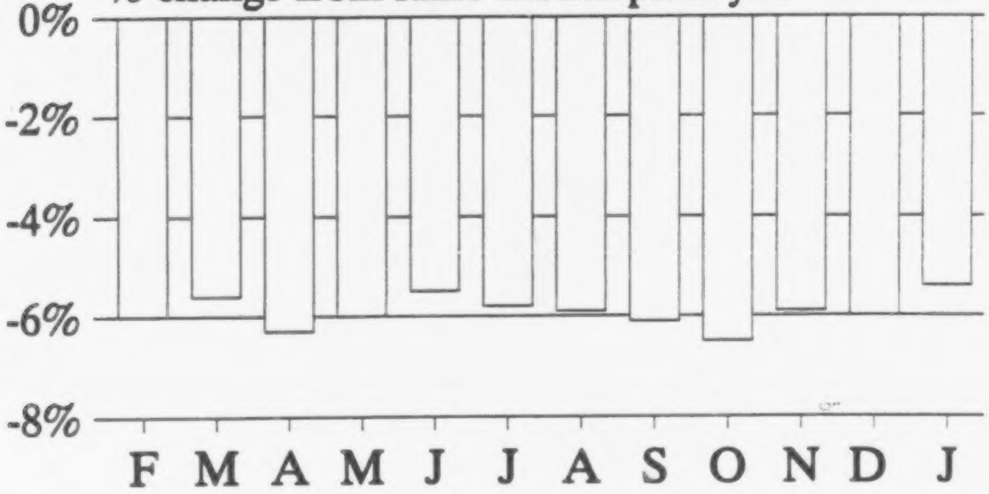
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	**113.8**	**125.0**	**-9.0%**	**113.4**	**0.4%**
Process Controls	26.7	30.9	-13.6%	26.5	0.8%
Testing/Measuring	37.6	40.4	-6.9%	37.6	0.0%
Other	49.5	53.7	-7.8%	49.3	0.4%
All Employees	**227.7**	**240.8**	**-5.4%**	**227.5**	**0.1%**
Process Controls	55.9	61.0	-8.4%	55.9	0.0%
Testing/Measuring	78.3	81.9	-4.4%	78.2	0.1%
Other	93.5	97.9	-4.5%	93.4	0.1%
Hourly Wage Index	126.4	115.3	9.7%	126.9	-0.4%
Annual Sales/Employee	113.560	103.770	9.4%	112.936	0.6%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX FEBRUARY 1993

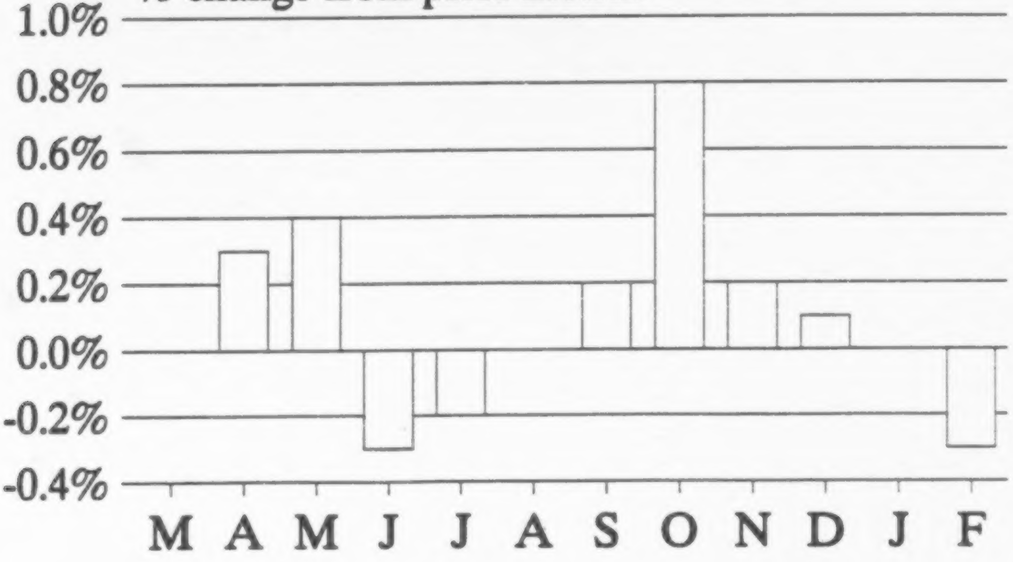
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**104.1**	**102.8**	**1.3%**	**104.4**	**-0.3%**
Testing/Measuring	102.9	102.3	0.6%	103.6	-0.7%
Nuclear Radiation	105.1	102.7	2.3%	104.7	0.3%
Process Controls	105.7	102.0	3.6%	105.5	0.2%
Other Equipment	104.5	104.2	0.3%	104.6	-0.1%

Industrial Electronics
All Employees January 1993


% change from same month prior year

Industrial Electronics
Composite Price Index February 1993


% change from prior month

ELECTROMEDICAL U.S. FACTORY SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**629**	**643**	**-2.1%**	**631**	**641**	**-1.6%**	**1,242**	**1,245**	**-0.2%**
New Orders	571	704	-18.8%	672	637	5.4%	1,349	1,246	8.3%
Production	627	631	-0.6%	652	658	-1.0%	1,264	1,278	-1.1%
Inventory	1,414	1,416	-0.1%	1,421	1,377	3.2%	n/a	n/a	
Unfilled Orders	1,900	1,958	-2.9%	1,900	1,854	2.5%	n/a	n/a	
Book/Bill Ratio	0.91	1.10	-17.0%	1.06	0.99	7.1%	n/a	n/a	
Inv/Sales Ratio	2.25	2.20	2.0%	2.25	2.15	4.9%	n/a	n/a	
Unf/Sales Ratio	3.02	3.05	-0.9%	3.01	2.89	4.2%	n/a	n/a	
Prod/Sales Ratio	1.00	0.98	1.6%	1.03	1.03	0.6%	n/a	n/a	

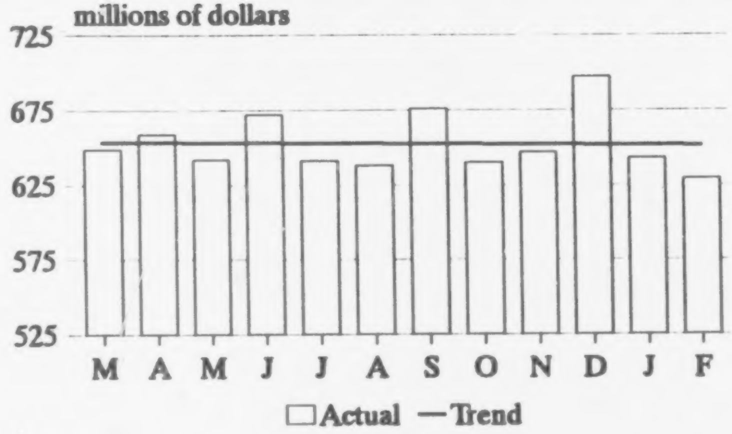
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	down	**Factory Sales down 2% in February from the prior month, down 0.2% YTD**
Orders	down	**New Orders down 19% in February, up 8% YTD**
Imports	down	**Imports down 5% in January compared to last year**
Exports	up	**Exports rose 2% over January 1992**
Employment	down	**Total Employment, down 1% in January from prior year**
Wages	down	**Hourly Wages down 0.1% from January of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from February 1992**

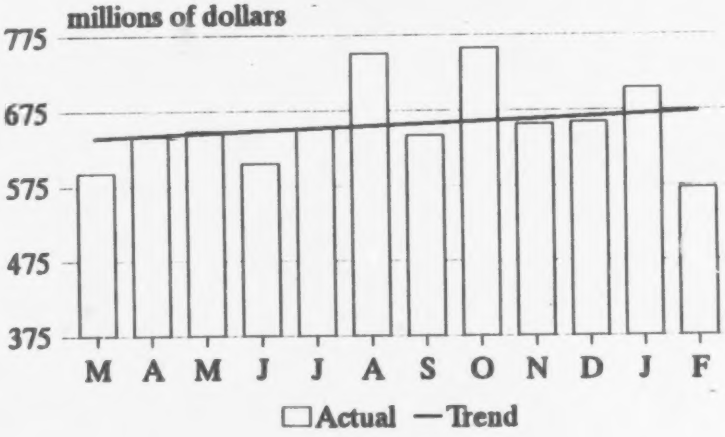
Electromedical Equipment U.S Factory Trends February 1993

(all data seasonally adjusted)

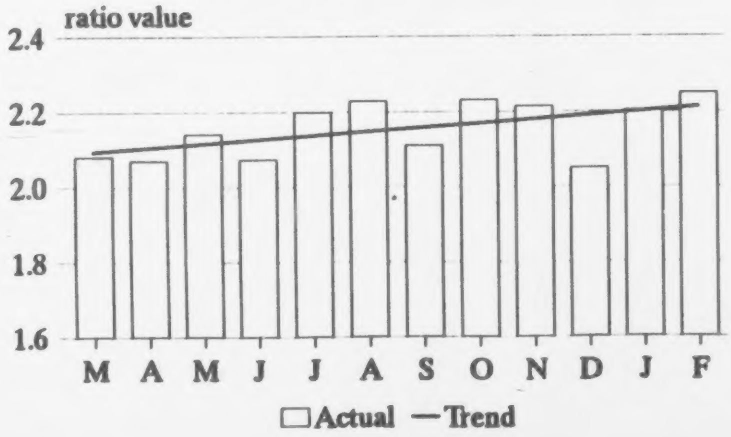
Factory Sales



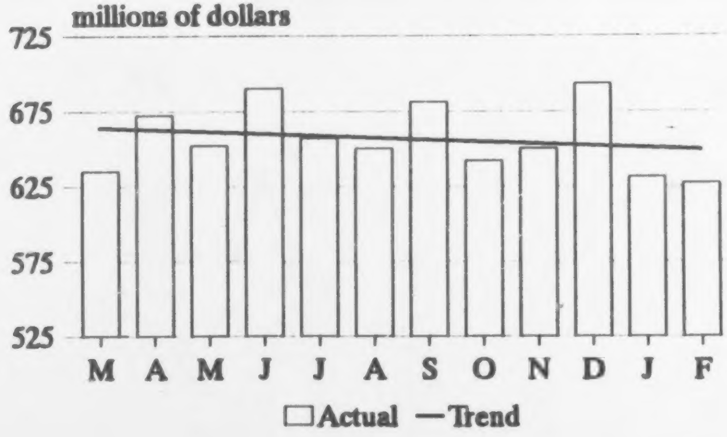
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY JANUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jan-93	Dec-92	% ch.	Jan-93	Jan-92	% ch.	YTD-93	YTD-92	% ch.
Imports	182	212	-14.2%	162	170	-4.5%	162	170	-4.5%
Exports	273	287	-4.9%	265	260	1.9%	265	260	1.9%
Balance	91	75	21.3%	103	91	13.7%	103	91	13.7%

ELECTROMEDICAL BILATERAL TRADE SUMMARY JANUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Jan-93	Jan-92	% ch.		Jan-93	Jan-92	% ch.
Japan	53	66	-19.7%	Canada	23	25	-8.0%
Taiwan	1	1	0.0%	Japan	39	47	-17.0%
Singapore	4	1	n/a	U.K.	11	12	-8.3%
Malaysia	n/a	n/a	n/a	Mexico	13	11	18.2%
S. Korea	n/a	1	n/a	Germany	33	35	-5.7%
Canada	3	2	50.0%	Singapore	2	2	0.0%
Mexico	6	6	0.0%	Netherlands	24	22	9.1%
China	n/a	n/a	n/a	Taiwan	5	2	n/a
Thailand	1	n/a	n/a	France	14	13	7.7%
Germany	44	45	-2.2%	Malaysia	1	n/a	n/a
Other	50	43	16.3%	Other	100	87	14.9%

ELECTROMEDICAL PRODUCT TRADE SUMMARY JANUARY 1993

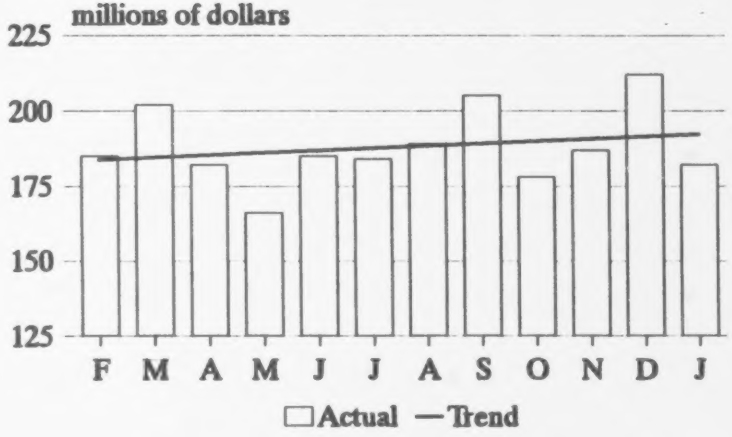
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	91,423	199,475	108,052	91,423	199,475	108,052
X-Ray and Related Equip	70,649	65,172	(5,477)	70,649	65,172	(5,477)
Total	**162,072**	**264,647**	**102,575**	**162,072**	**264,647**	**102,575**

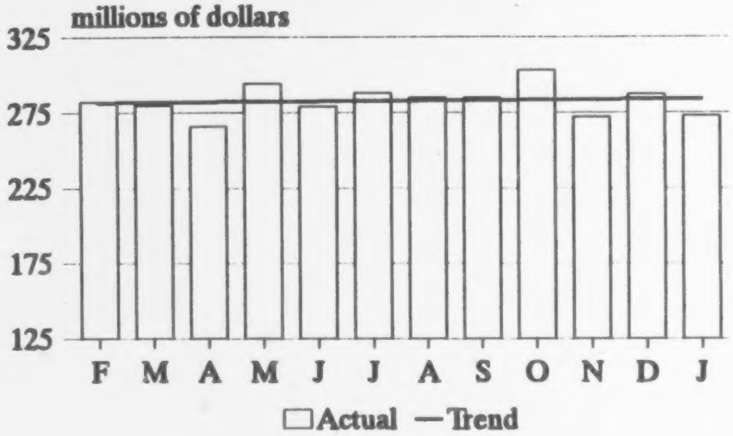
Electromedical Equipment Trade Trends January 1993

(all data seasonally adjusted)

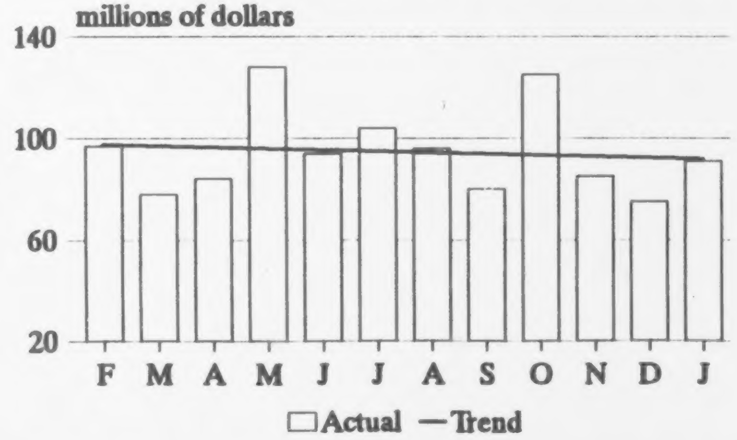
Imports



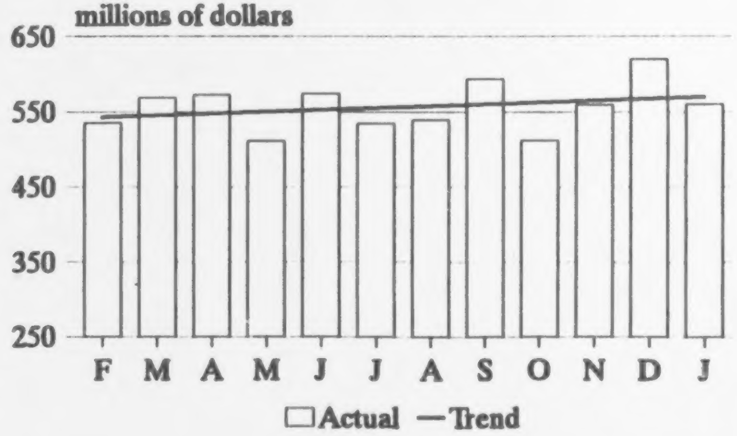
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY JANUARY 1993

(thousands of workers, hourly wage index 1/88=100)

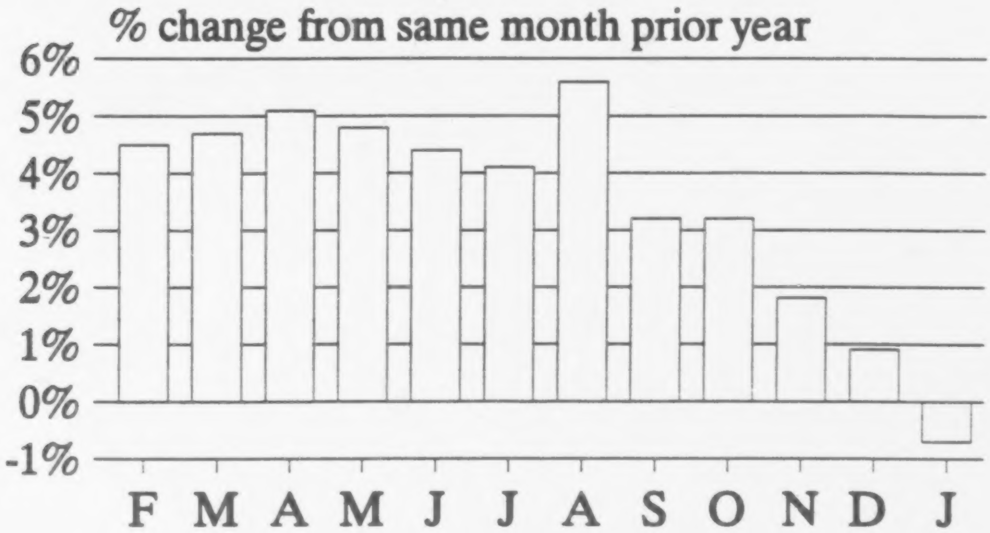
	Not Seasonally Adjusted				
	Jan-93	Jan-92	% ch.	Dec-92	% ch.
Production Workers	17.7	17.3	2.3%	18.0	-1.7%
All Employees	44.2	44.5	-0.7%	44.9	-1.6%
Hourly Wage Index	120.9	121.0	-0.1%	120.9	0.0%
Annual Sales/Employee	173.347	172.915	0.2%	172.338	0.6%

ELECTROMEDICAL PRODUCER PRICE INDEX FEBRUARY 1993

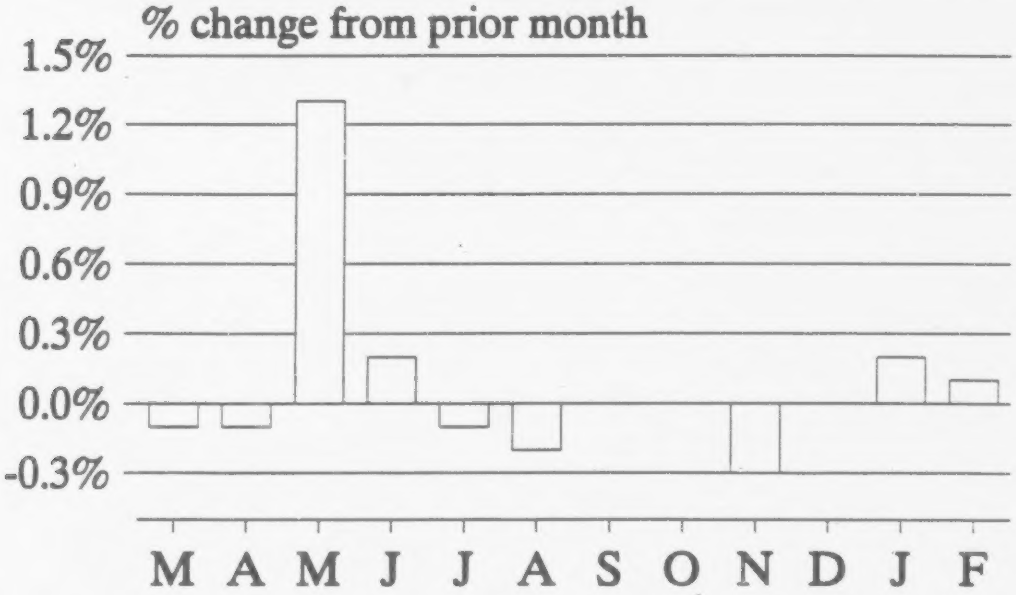
(12/90=100)

	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Composite Index	**102.4**	**101.3**	**1.2%**	**102.3**	**0.1%**
Irradiation Equipment	102.5	101.7	0.8%	102.2	0.3%
Diagnostic/Monitoring	102.5	100.8	1.7%	102.4	0.1%
Electrotherapeutic	102.3	102.1	0.2%	102.3	0.0%

Electromedical Equipment
All Employees January 1993

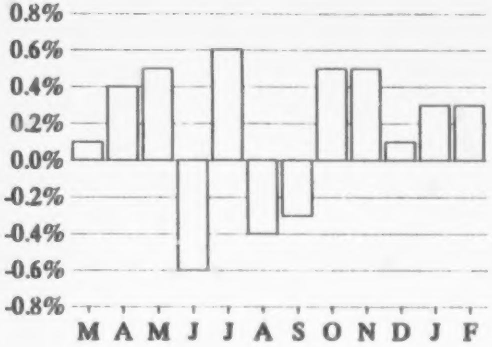


Electromedical Equipment
Composite Price Index February 1993



Capacity Utilization

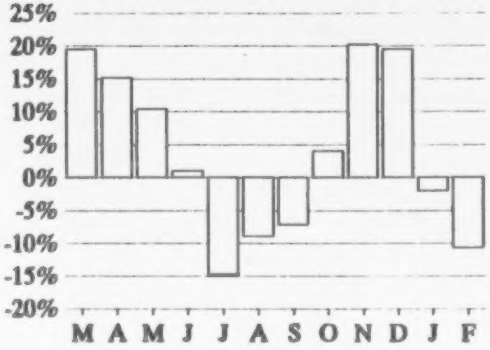
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

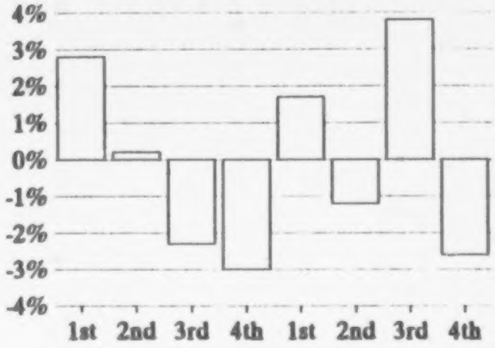
(percent change from previous month)



Source: Conference Board

Government Purchases

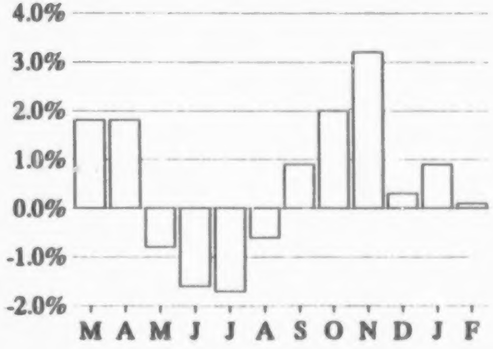
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

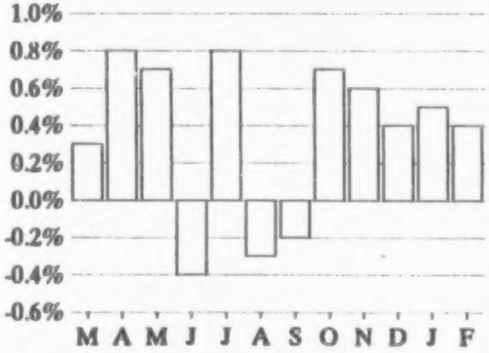
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

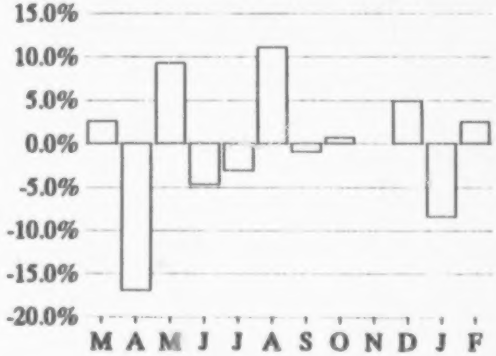
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

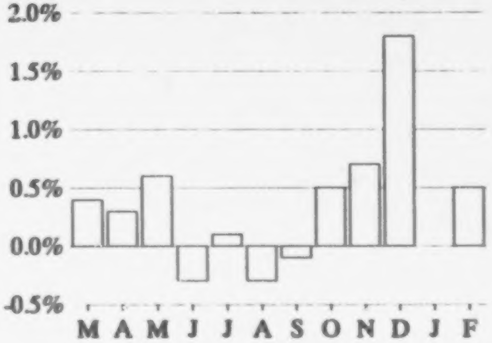
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

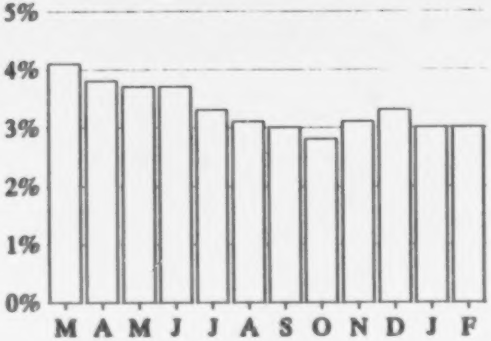
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

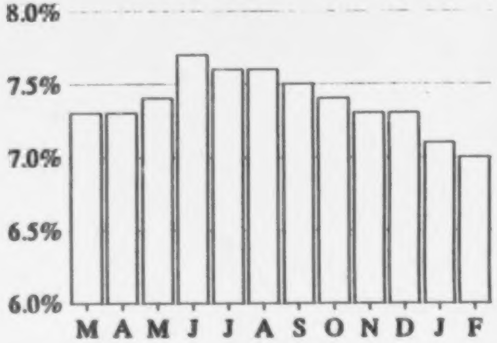
(interest rate)



Source: Conference Board

Unemployment Rate

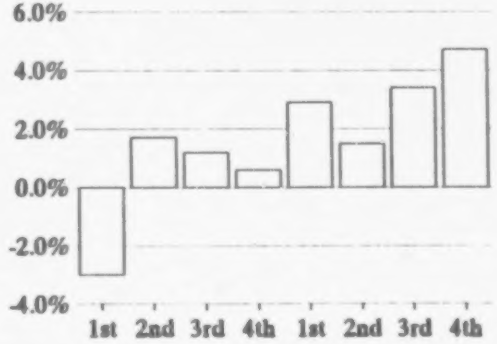
(precent of civilian laborforce)



Source: Department of Commerce

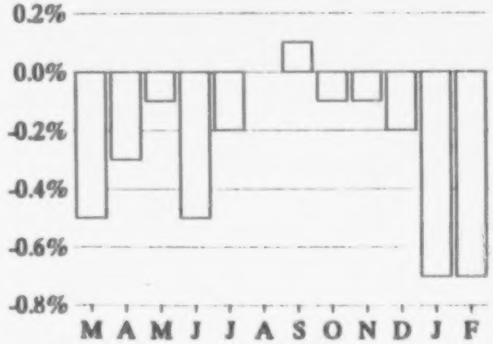
Real GDP

(quarter vs. previous quarter)



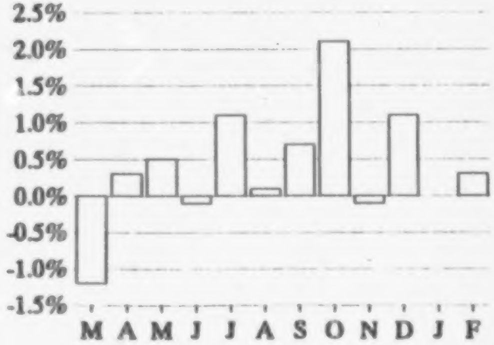
Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)



Economic Data Bank - As of April 4, 1993

	Current Period	Previous Period	Year Ago
	Feb-93	Jan-93	Feb-92
Capacity Utilization (% utilized)	**78.9**	**78.8**	**77.4**
	Mar-93	Feb-93	Mar-92
Consumer Confidence (Index 1985=100)	**62.6**	**68.5**	**47.3**
	4th Qtr	3rd Qtr	4th Qtr
Gross Domestic Product (billions 1987 $)	**4,990.8**	**4,933.7**	**4,838.5**
	4th Qtr	3rd Qtr	4th Qtr
Gross National Product (billions 1987 $)	**4,995.9**	**4,945.6**	**4,848.2**
	4th Qtr	3rd Qtr	4th Qtr
Government Purchases (billions 1987 $)	**936.8**	**943.0**	**933.1**
	Feb-93	Jan-93	Feb-92
Industrial Production (Index 1987=100)	**111.8**	**111.3**	**107.2**
	Feb-93	Jan-93	Feb-92
Housing Starts (annual rate 000's)	**1,208**	**1,178**	**1,285**
	Feb-93	Jan-93	Feb-92
Leading Economic Indicators (Index 1987=100)	**153.6**	**152.8**	**147.3**
	Mar-93	Feb-93	Mar-92
90-Day T-Bill Rate (%)	**2.97**	**2.95**	**3.84**
	Mar-93	Feb-93	Mar-92
Prime Rate (%)	**6.00**	**6.00**	**6.50**
	Feb-93	Jan-93	Feb-92
Unemployment Rate (% of labor force)	**7.0**	**7.2**	**7.0**
	Feb-93	Jan-93	Feb-92
Real Money Supply M-2 (billions 1987 $)	**2,339.2**	**2,355.3**	**2,418.6**
	Feb-93	Jan-93	Feb-92
Retail Sales (billions of dollars)	**169.8**	**169.4**	**161.2**
	Feb-93	Jan-93	Feb-92
Disposable Personal Income (billions 1987 $)	**3,638.9**	**3,640.1**	**3,549.3**
	Feb-93	Jan-93	Feb-92
Auto Sales (annual rate millions)	**8.9**	**8.6**	**8.5**
	Feb-93	Jan-93	Feb-92
Personal Savings Rate (% of income)	**4.1**	**4.3**	**4.9**
	Feb-93	Jan-93	Feb-92
CPI-U All Items (Index 1982-84=100)	**143.4**	**142.9**	**138.8**
	Feb-93	Jan-93	Feb-92
PPI Finished Goods (Index 1982-84=100)	**124.6**	**124.0**	**121.9**
	Jan-93	Dec-92	Jan-92
Balance of Trade (billions of dollars)	**(7.3)**	**(6.9)**	**(5.9)**

Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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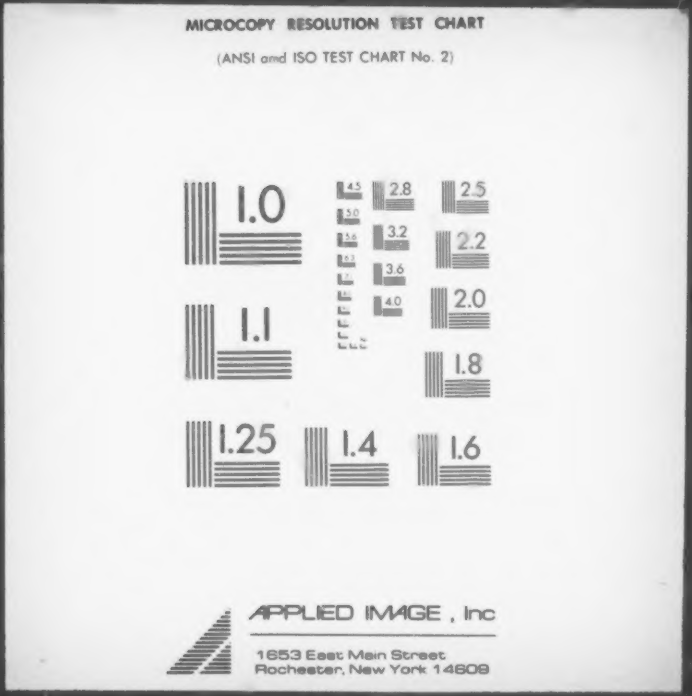
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May 1993

Electronic Market
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ELECTRONIC INDUSTRIES ASSOCIATION
EIA
EST. 1924

Contains:
March 1993 Factory Shipments
February 1993 Electronics Trade Data

TRENDS

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U.S. ELECTRONICS FACTORY DATA SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**26,011**	**25,389**	**2.4%**	**28,388**	**25,866**	**9.8%**	**72,690**	**67,604**	**7.5%**
New Orders	15,716	16,850	-6.7%	19,030	17,111	11.2%	50,339	43,783	15.0%
Production	16,380	16,641	-1.6%	17,765	16,657	6.7%	40,360	36,437	10.8%
Inventory	33,329	33,507	-0.5%	31,211	33,712	-7.4%	n/a	n/a	
Unfilled Orders	59,545	60,390	-1.4%	57,002	63,055	-9.6%	n/a	n/a	
Book/Bill Ratio	0.60	0.66	-9.0%	0.67	0.66	1.3%	n/a	n/a	
Inv/Sales Ratio	1.28	1.32	-2.9%	1.10	1.30	-15.6%	n/a	n/a	
Unf/Sales Ratio	2.29	2.38	-3.8%	2.01	2.44	-17.6%	n/a	n/a	
Prod/Sales Ratio	0.63	0.66	-3.9%	0.63	0.64	-2.8%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	7,775	7,497	3.7%	7,076	6,246	13.3%	13,802	12,245	12.7%
Exports	6,893	6,460	6.7%	6,553	6,103	7.4%	12,822	11,896	7.8%
Balance	(882)	(1,037)	-14.9%	(523)	(143)	n/a	(980)	(349)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Feb-93	Feb-92	% ch.	Feb-93	Feb-92	% ch.	Imports	Exports	Balance
Japan	2,315	2,099	10.3%	602	611	-1.5%	2,315	602	(1,713)
Canada	431	406	6.2%	958	1,035	-7.4%	431	958	527
Singapore	598	573	4.4%	348	266	30.8%	598	348	(250)
Mexico	429	393	9.2%	496	464	6.9%	429	496	67
Taiwan	645	576	12.0%	236	195	21.0%	645	236	(409)
S. Korea	465	426	9.2%	203	189	7.4%	465	203	(262)
U.K.	150	144	4.2%	533	430	24.0%	150	533	383
Germany	168	169	-0.6%	399	413	-3.4%	168	399	231
Malaysia	469	350	34.0%	214	159	34.6%	469	214	(255)
Hong Kong	139	n/a	n/a	194	n/a	n/a	139	194	55
Other	917	825	11.2%	2,086	1,820	14.6%	917	2,086	1,169

U.S. ELECTRONICS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.
Production Workers	830.8	834.9	-0.5%	828.8	859.1	-3.5%
All Employees	**1,752.3**	**1,760.5**	**-0.5%**	**1,752.1**	**1,839.7**	**-4.8%**
Hourly Wage Index	n/a	n/a		118.6	114.4	3.6%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX MARCH 1993

(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**93.3**	**95.2**	**-2.0%**	**93.5**	**-0.3%**

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	**up**	**Factory sales up 2% in March from prior month, up 8% YTD**
Orders	**down**	**New orders down 7% in March, up 15% YTD**
Imports	**up**	**Imports up 13% from February 1992, up 13% YTD**
Exports	**up**	**Exports up 7% from February 1992, up 8% YTD**
Employment	**down**	**Total Employment, down 5% in February from prior year**
Wages	**down**	**Hourly Wages up 4% from February of last year**
Factory Prices	**down**	**Composite Producer Price Index down 2% over March 1992**

ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,894**	**5,868**	**0.4%**	**6,130**	**5,366**	**14.2%**	**17,181**	**15,377**	**11.7%**
New Orders	5,452	5,445	0.1%	5,450	4,826	12.9%	17,648	15,562	13.4%
Production	5,881	5,952	-1.2%	6,113	5,363	14.0%	17,369	15,426	12.6%
Inventory	8,868	8,881	-0.1%	8,807	8,696	1.3%	n/a	n/a	
Unfilled Orders	14,980	15,422	-2.9%	15,056	13,655	10.3%	n/a	n/a	
Book/Bill Ratio	0.92	0.93	-0.3%	0.89	0.90	-1.1%	n/a	n/a	
Inv/Sales Ratio	1.50	1.51	-0.6%	1.44	1.62	-11.3%	n/a	n/a	
Unf/Sales Ratio	2.54	2.63	-3.3%	2.46	2.54	-3.5%	n/a	n/a	
Prod/Sales Ratio	1.00	1.01	-1.6%	1.00	1.00	-0.2%	n/a	n/a	

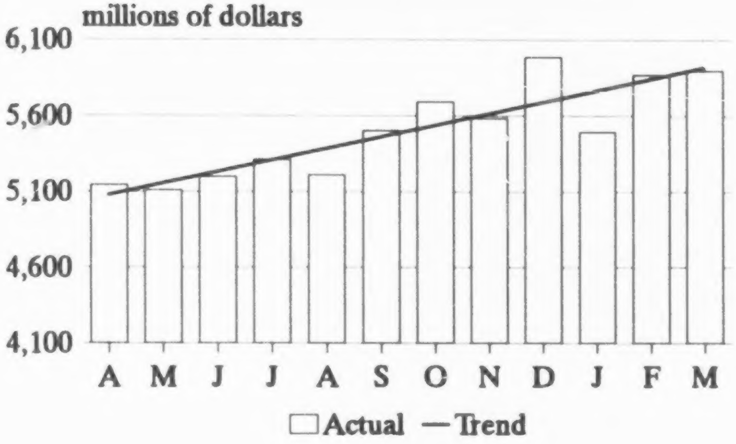
ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 0.4% in March from prior month, up 12% YTD**
Orders	up	**New Orders up 0.1% in March, up 13% YTD**
Imports	up	**Imports up 17% from February 1992, up 12% YTD**
Exports	up	**Exports up 13% from February 1992, up 12% YTD**
Employment	down	**Total Employment, down 2% in February from prior year**
Wages	up	**Hourly Wages up 6% from February of last year**
Factory Prices	down	**Composite Producer Price Index down 1% from March 1992**

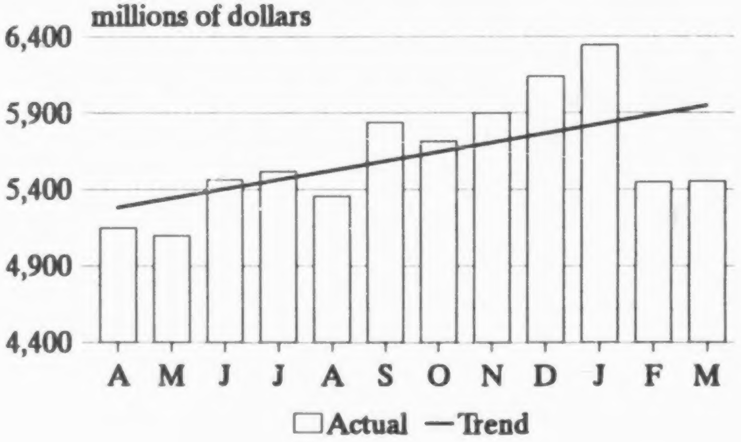
Electronics Components U.S Factory Trends March 1993

(all data seasonally adjusted)

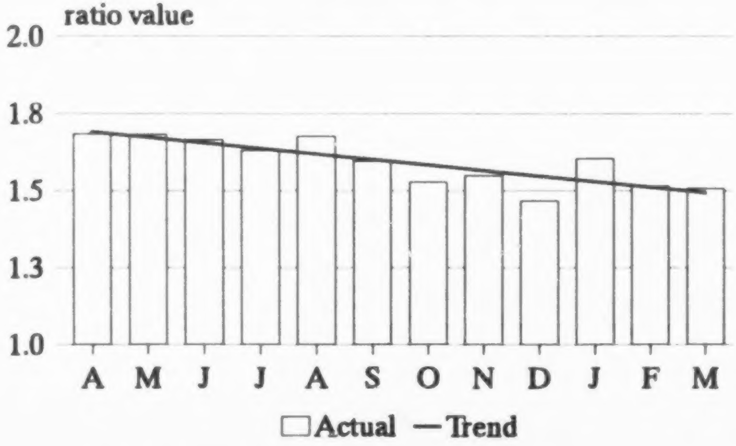
Factory Sales



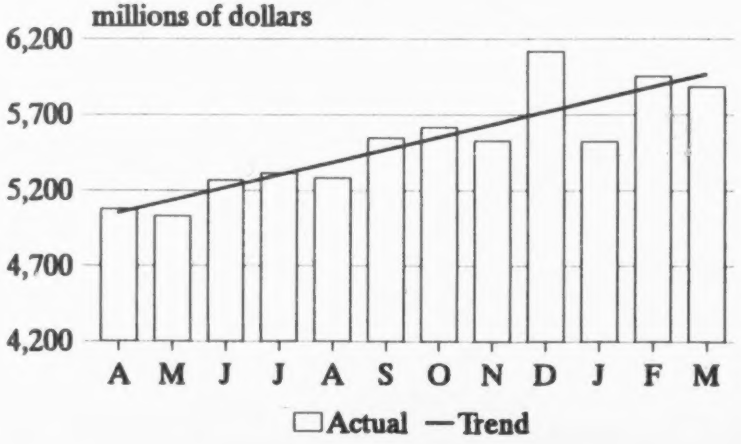
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	48	43	11.6%	43	47	-7.8%	83	103	-19.4%
Passive	678	670	1.2%	680	685	-0.8%	1,341	1,367	-1.9%
Solid State	1,527	1,284	18.9%	1,464	1,145	27.9%	2,704	2,223	21.7%
Total	**2,253**	**1,9[illegible]7**	**12.8%**	**2,187**	**1,877**	**16.5%**	**4,128**	**3,693**	**11.8%**
EXPORTS									
Electron Tubes	61	52	17.3%	61	48	26.4%	121	97	24.0%
Passive	509	476	6.9%	489	470	4.1%	954	996	-4.1%
Solid State	1,567	1,415	10.7%	1,491	1,289	15.7%	2,872	2,440	17.7%
Total	**2,137**	**1,943**	**10.0%**	**2,041**	**1,807**	**13.0%**	**3,947**	**3,533**	**11.7%**
BALANCE									
Electron Tubes	13	9	n/a	17	1	n/a	37	(6)	n/a
Passive	(169)	(194)	-12.9%	(190)	(215)	-11.4%	(386)	(372)	4.0%
Solid State	40	131	n/a	27	144	n/a	168	217	-22.5%
Total	**(116)**	**(54)**	**n/a**	**(146)**	**(70)**	**n/a**	**(181)**	**(161)**	**12.7%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	1,214	1,087	11.6%	Canada	692	814	-15.0%
Malaysia	442	293	n/a	Singapore	367	273	34.7%
Mexico	360	375	-4.1%	Malaysia	327	251	30.7%
S. Korea	357	317	12.6%	Japan	323	299	8.1%
Canada	355	379	-6.4%	Mexico	301	366	-17.7%
Taiwan	346	292	18.5%	U.K.	267	214	25.0%
Singapore	258	268	-3.9%	Taiwan	257	224	14.9%
Philippines	159	111	43.3%	S. Korea	206	150	36.9%
Hong Kong	104	98	5.5%	Hong Kong	202	158	28.2%
Thailand	66	n/a	n/a	Germany	131	39	n/a
Other	469	473	-0.9%	Other	874	746	17.1%

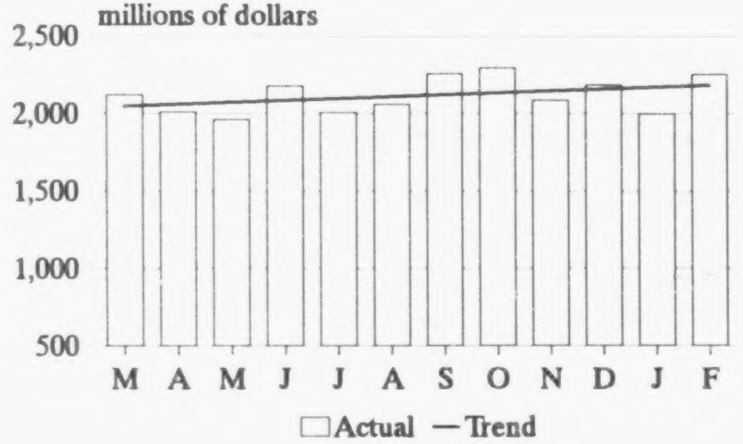
ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

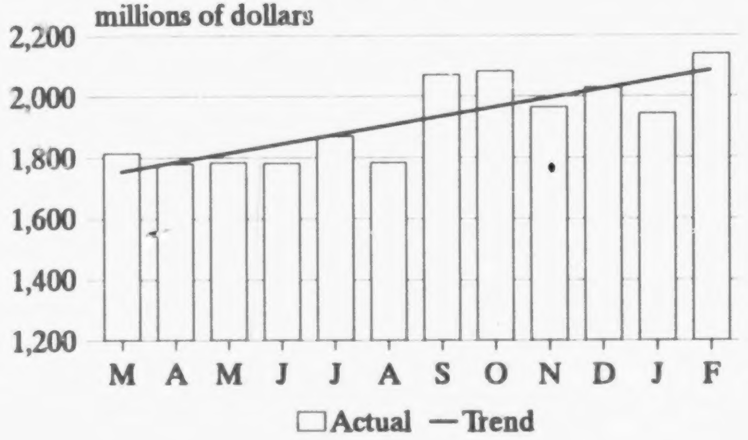
	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	28,871	43,448	14,577	57,715	87,802	30,087
Receiving Tubes	173	404	230	394	628	234
Power/Special Purpose Tubes	14,287	16,802	2,515	25,319	32,651	7,332
Capacitors	55,596	49,221	(6,375)	103,526	102,465	(1,061)
Resistors	33,476	19,632	(13,844)	65,324	37,326	(27,998)
Relays	41,768	31,892	(9,876)	77,100	57,399	(19,701)
Connectors	46,779	33,185	(13,594)	90,057	70,102	(19,955)
Electronic Wire	73,423	102,401	28,978	150,336	200,756	50,420
Transformers	11,029	2,023	(9,006)	22,678	3,715	(18,963)
Power Supplies	80,790	14,934	(65,857)	160,601	25,814	(134,787)
Printed Circuits and Boards	92,377	91,667	(711)	174,870	166,520	(8,350)
Parts of TV/Audio Apparatus	157,566	112,322	(45,244)	330,035	226,501	(103,535)
Indicator Panels	32,127	4,157	(27,970)	60,977	8,748	(52,229)
Switches	13,382	1,916	(11,466)	25,484	3,756	(21,728)
Piezoelectric Crystals	17,412	3,825	(13,586)	31,594	7,880	(23,715)
Other Parts	24,761	17,484	(7,277)	48,504	33,689	(14,814)
EPROMs	49,842	20,795	(29,047)	99,435	47,293	(52,141)
Microprocessors	125,587	159,417	33,830	233,476	325,745	92,269
DRAMs	285,463	105,616	(179,847)	497,913	191,908	(306,005)
SRAMs	65,617	24,029	(41,588)	131,578	49,613	(81,965)
Analog ICs	117,282	78,720	(38,562)	223,569	146,119	(77,450)
Other ICs	482,240	319,310	(162,931)	891,509	613,192	(278,318)
Diodes	34,785	13,624	(21,161)	63,736	30,437	(33,299)
Transistors	30,835	4,910	(25,926)	59,400	11,082	(48,319)
Chips, Wafers & Parts	239,612	740,279	500,667	441,604	1,410,653	969,049
Other Semiconductors	31,044	17,321	(13,723)	59,078	34,744	(24,335)
Solar Cells	2,060	7,335	5,275	3,467	11,326	7,859
Total	**2,188,186**	**2,036,669**	**(151,517)**	**4,129,280**	**3,937,864**	**(191,416)**

Electronic Components Trade Trends February 1993

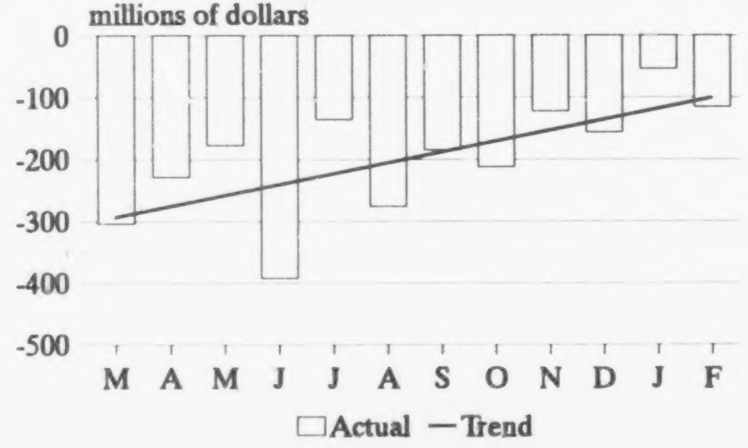
(all data seasonally adjusted)



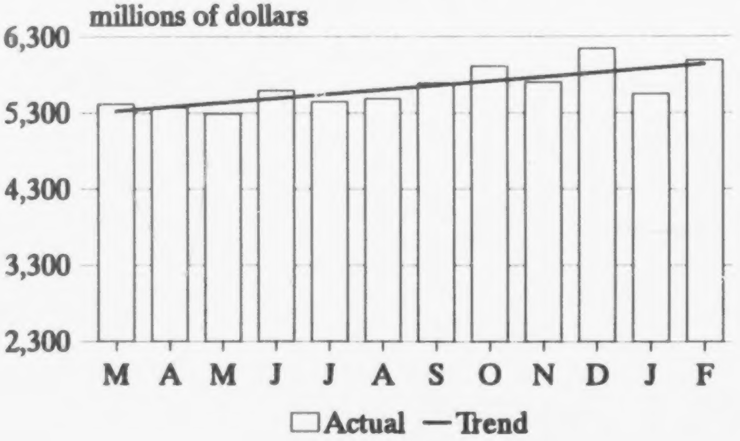
Imports



Exports



Balance of Trade



Consumption

ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

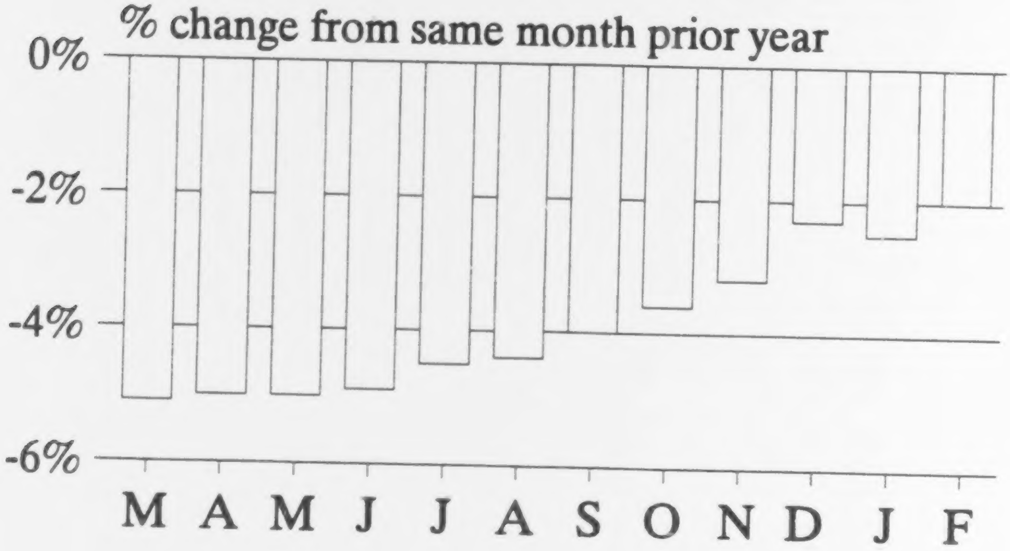
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	**343.7**	**345.2**	**-0.4%**	**345.4**	**-0.5%**
Electron Tubes	16.3	18.1	-9.9%	16.4	-0.6%
Semiconductors	92.3	90.0	2.6%	92.5	-0.2%
Other	235.1	237.1	-0.8%	236.5	-0.6%
All Employees	**588.4**	**600.3**	**-2.0%**	**588.6**	**0.0%**
Electron Tubes	24.3	27.0	-10.0%	24.6	-1.2%
Semiconductors	220.4	225.4	-2.2%	219.9	0.2%
Other	343.7	347.9	-1.2%	344.1	-0.1%
Hourly Wage Index	121.5	114.5	6.2%	121.5	0.0%
Annual Sales/Employee	109,962	99,196	10.9%	108,553	1.3%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX MARCH 1993

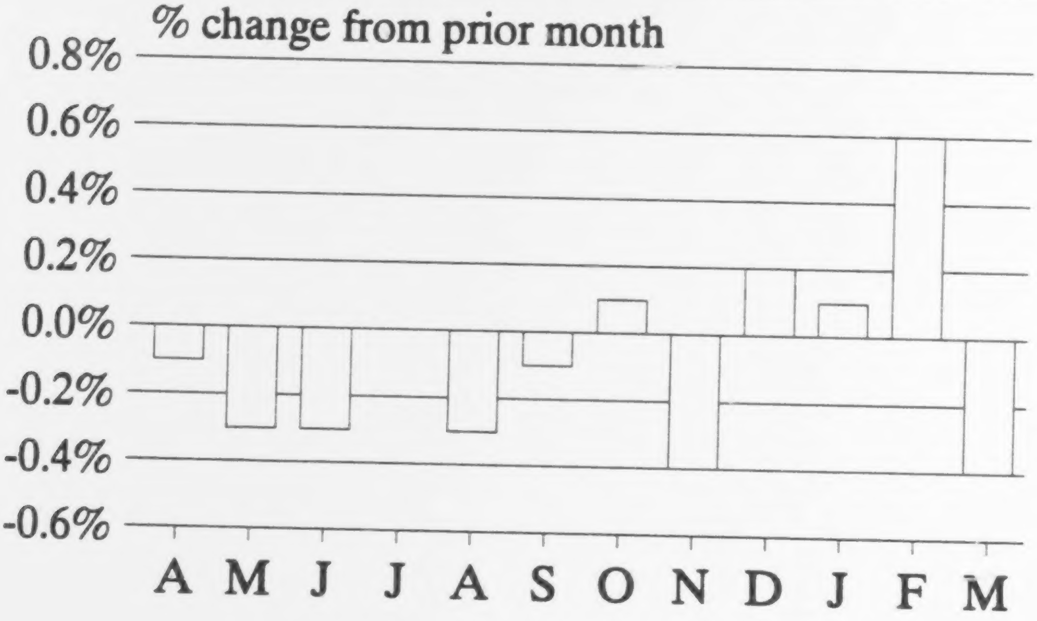
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**99.1**	**100.0**	**-0.9%**	**99.5**	**-0.4%**
CRTs	96.7	98.7	-2.0%	96.7	0.0%
Capacitors	98.4	99.6	-1.2%	98.4	0.0%
Resistors	99.2	99.7	-0.5%	99.2	0.0%
Relays	112.1	104.6	7.2%	112.0	0.1%
Switches	107.0	101.2	5.7%	102.6	4.3%
Connectors	108.7	106.6	2.0%	108.8	-0.1%
Filters	109.7	105.1	4.3%	109.6	0.1%
Antennae	90.2	89.9	0.3%	90.5	-0.4%
Diodes	99.8	99.7	0.1%	101.4	-1.6%
Transistors	99.2	98.4	0.8%	101.1	-1.9%
Semiconductors	93.1	96.4	-3.4%	93.4	-0.4%
Printed Circuits	98.3	99.0	-0.7%	98.2	0.2%
Electronic Wire	100.4	99.9	0.5%	100.2	0.1%

Electronic Components
All Employees February 1993



Electronic Components
Composite Price Index March 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**799**	**813**	**-1.8%**	**763**	**788**	**-3.1%**	**2,162**	**2,138**	**1.1%**
Inventory	1,156	1,153	0.3%	1,267	1,422	-10.9%	n/a	n/a	
Inv/Sales Ratio	1.45	1.42	2.1%	1.66	1.81	-8.1%	n/a	n/a	

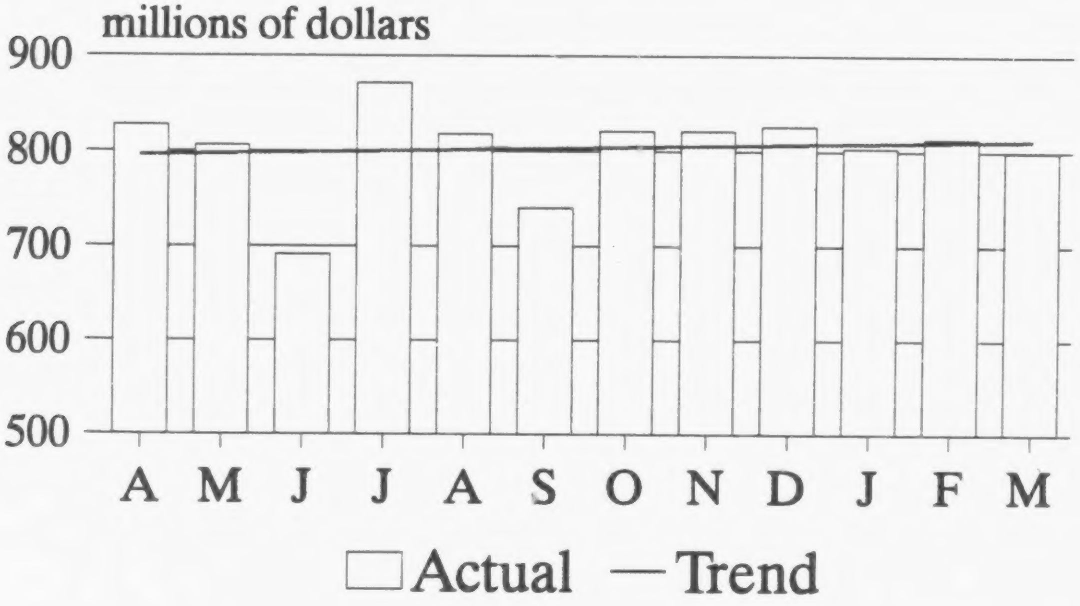
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS MARCH 1993

(not seasonally adjusted millions of dollars)

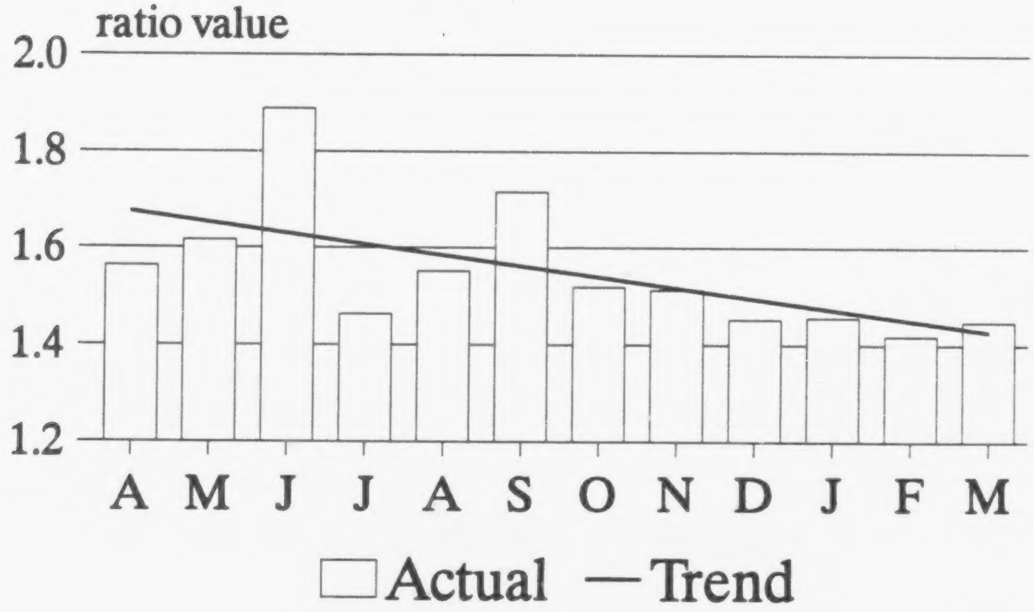
	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**1,094**	**981**	**11.5%**	**2,846**	**2,543**	**11.9%**
Color TVs	583	550	5.9%	1,495	1,324	12.9%
Projection TV	58	52	9.9%	167	145	15.4%
TV/VCR	41	27	n/a	103	73	n/a
VCR Decks	222	217	2.2%	607	606	0.2%
Camcorders	137	84	n/a	348	278	25.1%
Other	54	50	8.2%	125	115	8.2%
Audio Products	**820**	**777**	**5.5%**	**2,206**	**2,143**	**2.9%**
Portable	184	164	12.2%	491	483	1.6%
Home Components	118	116	1.1%	344	361	-4.7%
Autosound	415	388	6.9%	1,075	1,015	5.9%
Audio Systems	103	108	-5.1%	295	284	4.2%
Home Information Equipment	938	924	1.5%	2,724	2,609	4.4%
Blank Media and Accessories	349	332	5.3%	1,002	964	4.0%
Total	**3,201**	**3,014**	**6.2%**	**8,778**	**8,259**	**6.3%**

Domestically Produced Consumer Electronics
U.S. Factory Trends March 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,449	1,511	-4.1%	1,021	1,085	-5.9%	2,052	2,180	-5.9%
Exports	300	246	22.0%	264	246	7.3%	492	466	5.6%
Balance	(1,149)	(1,265)	-9.2%	(757)	(839)	-9.8%	(1,560)	(1,714)	-9.0%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	928	1,002	-7.3%	Canada	117	124	-5.7%
Mexico	252	219	15.0%	Mexico	85	80	6.2%
Malaysia	240	207	16.0%	Japan	38	44	-13.8%
S. Korea	219	242	-9.6%	Germany	22	17	27.1%
China	113	148	-23.6%	U.K.	22	14	n/a
Singapore	72	112	-35.4%	Taiwan	21	23	-8.0%
Taiwan	62	96	-36.0%	Netherlands	17	24	-30.4%
Thailand	55	66	-15.6%	S. Korea	15	n/a	n/a
Indonesia	29	n/a	n/a	Hong Kong	11	11	8.3%
Brazil	19	14	35.8%	Venezuela	11	9	16.1%
Other	63	74	-15.7%	Other	132	119	11.5%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY FEBRUARY 1993

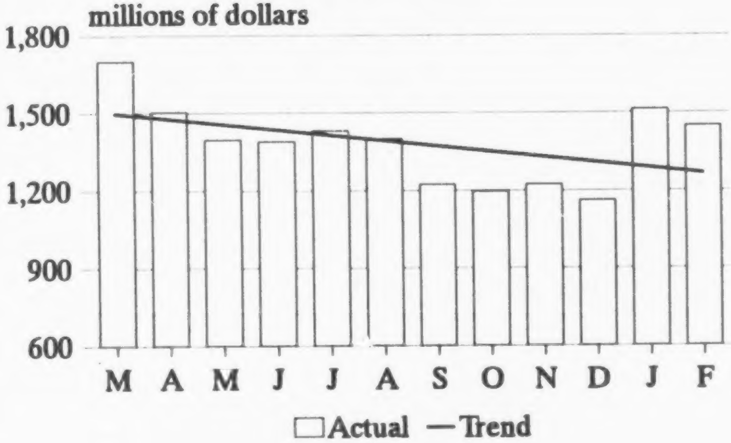
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	162,338	43,166	(119,172)	324,739	75,389	(249,350)
Monochrome TV Receivers	5,727	5,009	(718)	12,593	10,085	(2,508)
VCR Decks	147,883	12,339	(135,545)	324,653	24,179	(300,474)
Camcorders	85,279	0	(85,279)	162,057	0	(162,057)
Videocassette Players	11,162	0	(11,162)	17,635	0	(17,635)
Laserdisc Players	8,909	5,471	(3,438)	17,285	10,122	(7,163)
Portable Audio Equipment	43,398	8,007	(35,391)	96,418	13,244	(83,174)
Separate Audio Components	167,414	102,481	(64,933)	329,748	191,395	(138,354)
Home Radios	8,562	752	(7,810)	22,043	1,012	(21,031)
Home Radio/Tape Combinations	70,999	2,592	(68,407)	158,373	4,807	(153,566)
Autosound Equipment	111,852	31,074	(80,778)	216,804	54,157	(162,647)
Blank Media	55,236	34,381	(20,855)	116,188	69,374	(46,814)
Video Games	142,267	18,591	(123,676)	253,949	37,809	(216,140)
Total	**1,021,027**	**263,862**	**(757,165)**	**2,052,485**	**491,573**	**(1,560,912)**

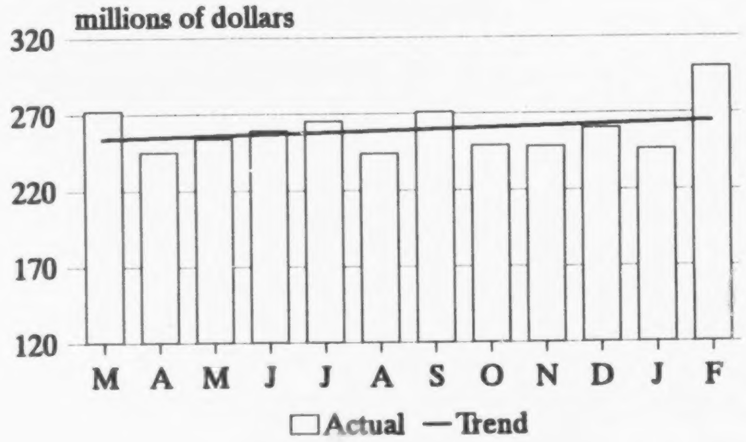
Consumer Electronics Trade Trends February 1993

(all data seasonally adjusted)

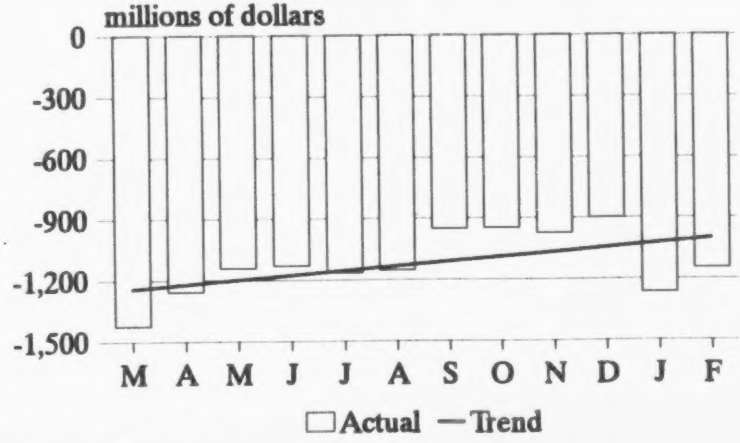
Imports



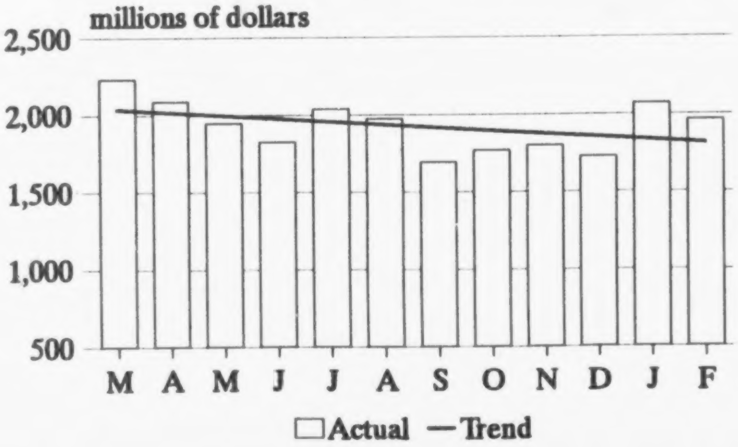
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

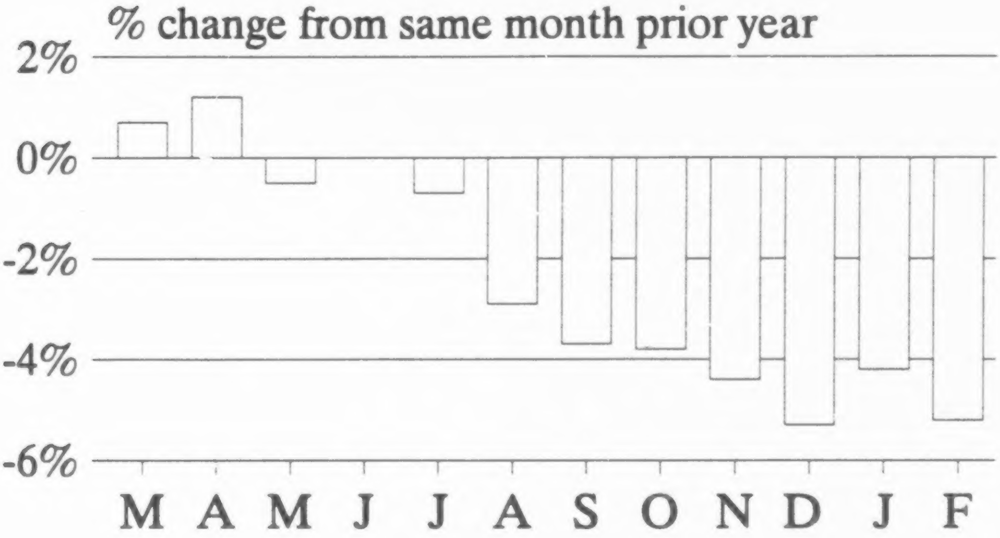
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	36.2	39.3	-7.9%	37.7	4.2%
All Employees	57.8	61.0	-5.2%	59.4	2.7%
Hourly Wage Index	116.2	117.0	-0.6%	120.6	-3.0%
Annual Sales/Employee	160,517	136,697	17.4%	159,311	-14.2%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX MARCH 1993

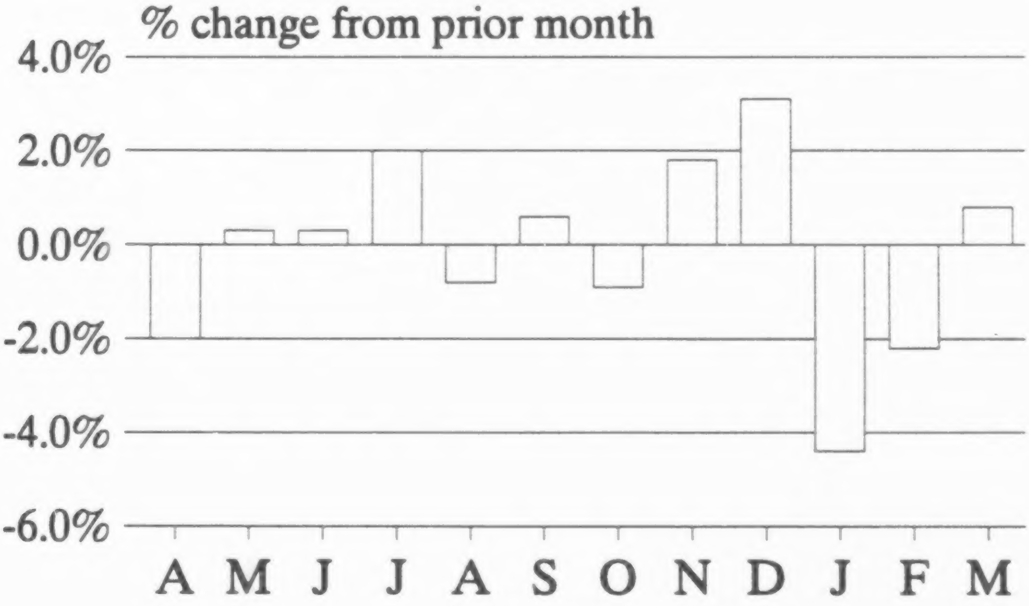
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**97.1**	**98.8**	**-1.7%**	**96.3**	**0.8%**
Home Audio	80.7	103.6	-22.1%	79.8	1.1%
Portable Audio	121.5	115.2	5.4%	119.5	1.6%
Autosound	85.9	83.6	2.7%	86.8	-1.0%
Audio Systems	109.9	101.2	8.6%	104.9	4.7%
Color TV	112.0	105.1	6.6%	105.8	5.9%
Projection TV	101.7	93.1	9.2%	98.6	3.1%
VCR Decks	99.1	104.8	-5.4%	100.0	-0.9%
Camcorders	85.3	85.8	-0.5%	84.9	0.5%

Consumer Electronics
All Employees February 1993



Consumer Electronics
Composite Price Index March 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,233**	**3,087**	**4.7%**	**3,509**	**3,132**	**12.0%**	**8,996**	**8,264**	**8.9%**
New Orders	2,956	2,917	1.3%	3,196	3,304	-3.3%	8,494	8,327	2.0%
Production	3,321	3,130	6.1%	3,546	3,052	16.2%	9,456	8,242	14.7%
Inventory	7,452	7,364	1.2%	7,377	6,592	11.9%	n/a	n/a	
Unfilled Orders	10,910	11,186	-2.5%	10,925	11,331	-3.6%	n/a	n/a	
Book/Bill Ratio	0.91	0.95	-3.3%	0.91	1.05	-13.7%	n/a	n/a	
Inv/Sales Ratio	2.30	2.39	-3.4%	2.10	2.10	-0.1%	n/a	n/a	
Unf/Sales Ratio	3.37	3.62	-6.9%	3.11	3.62	-13.9%	n/a	n/a	
Prod/Sales Ratio	1.03	1.01	1.3%	1.01	0.97	3.7%	n/a	n/a	

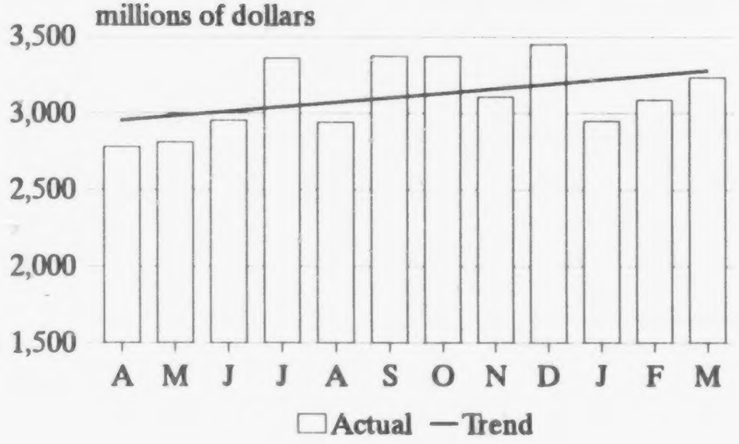
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 5% in March from prior month, up 9% YTD**
Orders	up	**New Orders up 1% in March, up 2% YTD**
Imports	up	**Imports up 7% from February 1992, up 7% YTD**
Exports	up	**Exports up 29% from February 1992, up 21% YTD**
Employment	down	**Total Employment, down 4% in February from prior year**
Wages	up	**Hourly Wages up 1% from February of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from March 1992**

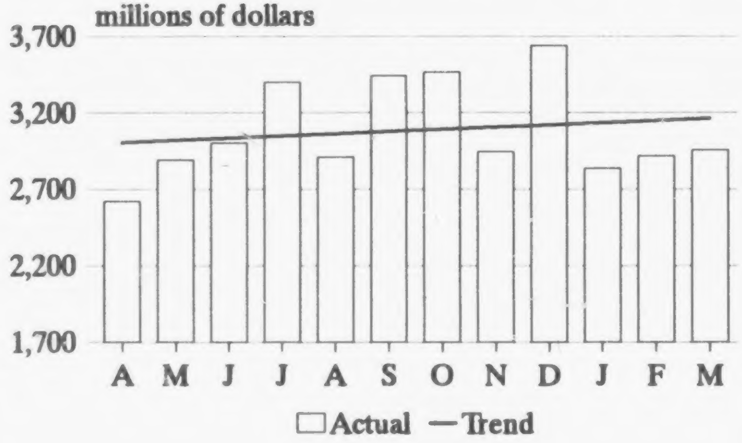
Telecommunications U.S Factory Trends March 1993

(all data seasonally adjusted)

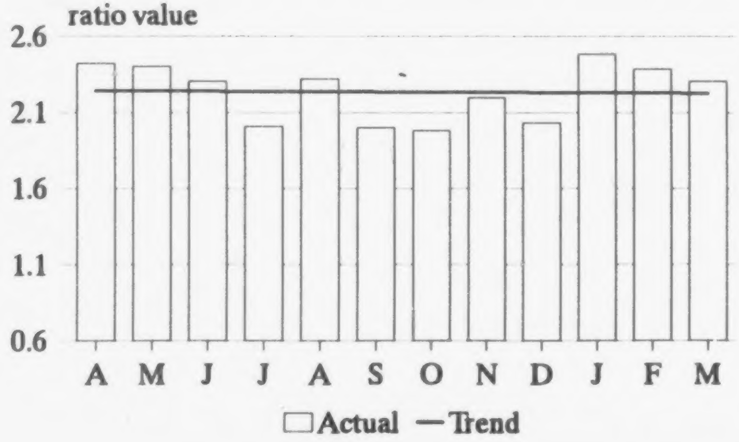
Factory Sales



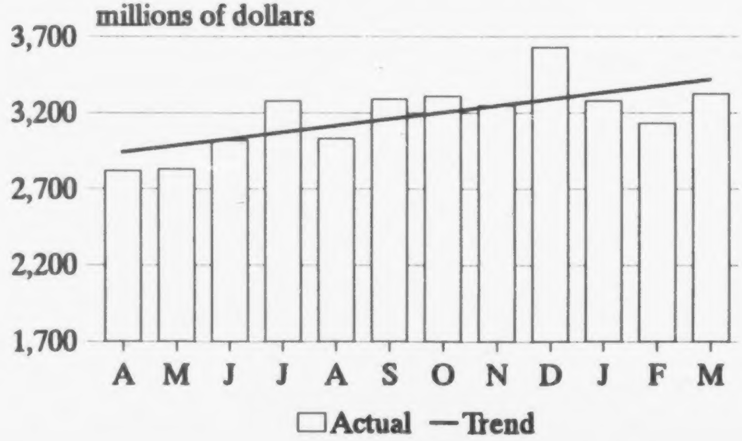
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	682	680	0.3%	640	601	6.5%	1,283	1,203	6.7%
Exports	761	772	-1.4%	738	574	28.6%	1,476	1,218	21.2%
Balance	79	92	-14.1%	98	-27	n/a	193	15	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	434	463	-6.3%	Canada	246	187	31.4%
Canada	159	136	17.0%	Mexico	175	163	7.3%
Malaysia	94	94	0.4%	Japan	137	84	n/a
China	93	79	17.4%	U.K.	97	73	32.4%
Taiwan	73	83	-11.9%	China	67	n/a	n/a
Mexico	66	57	14.6%	Taiwan	59	44	33.6%
S. Korea	48	57	-16.5%	Germany	46	51	-10.3%
Israel	47	n/a	n/a	France	43	n/a	n/a
Thailand	44	46	-4.4%	Malaysia	39	n/a	n/a
Philippines	42	30	36.7%	S. Korea	36	36	2.5%
Other	185	158	16.9%	Other	532	580	-8.3%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY FEBRUARY 1993

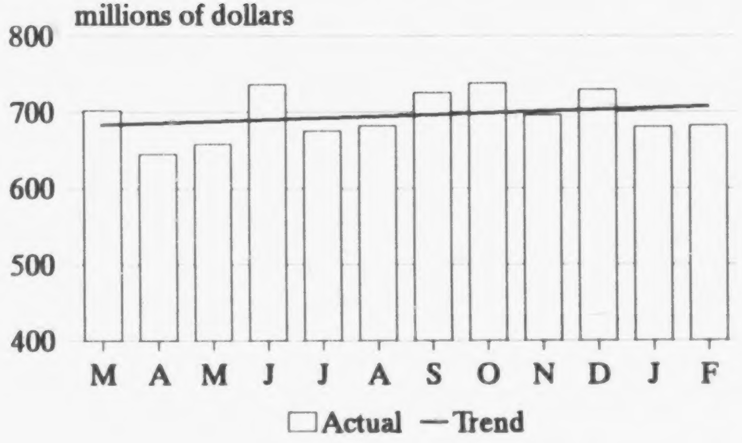
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	75,067	15,967	(59,099)	162,243	35,768	(126,475)
Telephonic Apparatus and Parts	106,265	183,532	77,267	211,339	361,424	150,085
Telegraphic Apparatus and Parts	31,088	62,870	31,782	56,389	137,995	81,607
Radio Transmitters	6,272	23,703	17,431	12,100	48,481	36,382
Radio Receivers	18,676	26,046	7,370	35,925	41,507	5,582
Radio Transceivers	51,009	85,028	34,020	94,500	171,957	77,456
Telephone Answering Devices	21,995	8,967	(13,028)	46,317	19,720	(26,597)
TV Transmission/Reception App.	133,139	171,609	38,471	247,771	364,286	116,515
Cellular Telephones	30,653	65,588	34,935	59,773	117,920	58,147
Facsimile Machines	79,501	0	(79,501)	169,015	0	(169,015)
Cordless Telephones	62,367	12,544	(49,822)	132,691	24,536	(108,155)
Modems	10,819	38,460	27,642	21,677	69,318	47,641
Paging Alert Devices	3,524	27	(3,497)	11,834	52	(11,782)
Fiber Optic Cable	7,984	11,274	3,290	16,608	26,244	9,636
Other Cable and Parts	2,138	32,784	30,646	4,857	57,653	52,796
Total	**640,494**	**738,400**	**97,906**	**1,283,038**	**1,476,861**	**193,823**

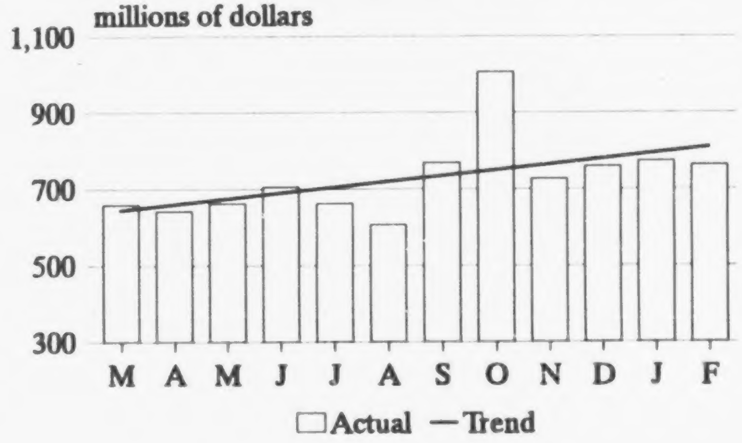
Telecommunications Trade Trends February 1993

(all data seasonally adjusted)

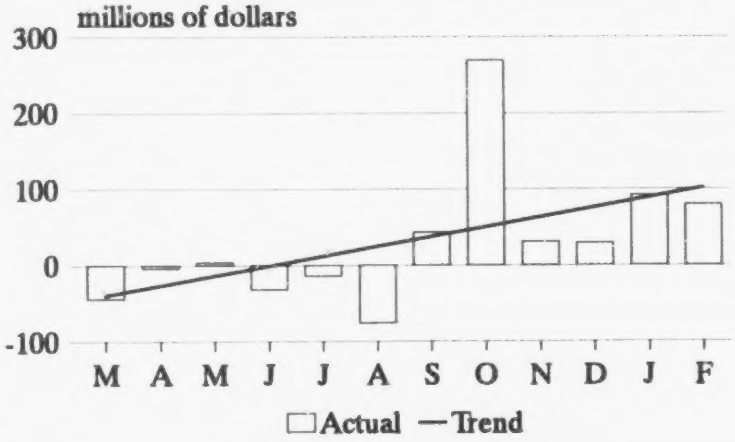
Imports



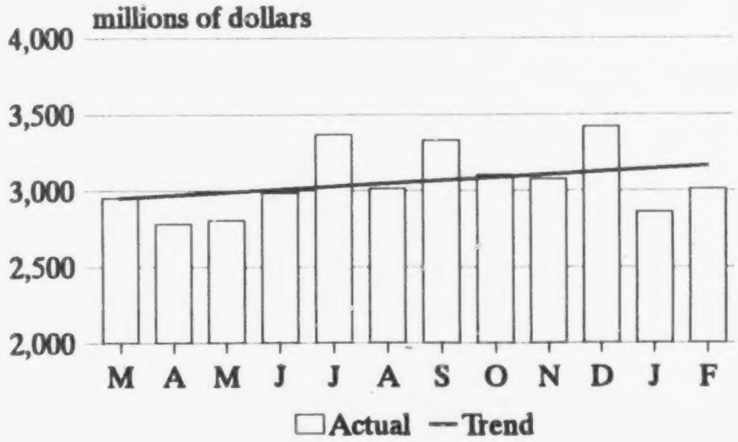
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

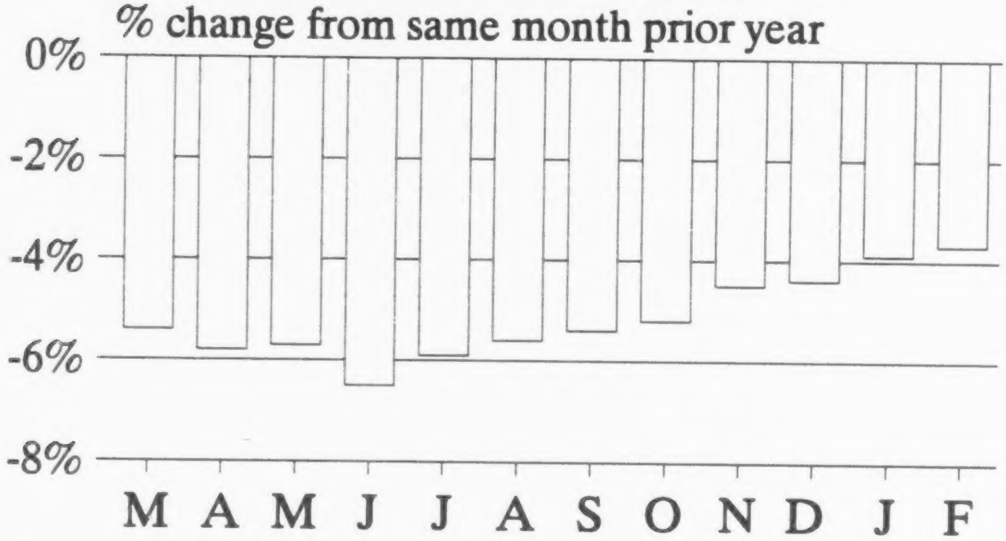
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	**121.4**	**124.1**	**-2.2%**	**121.2**	**0.2%**
Telephone Equipment	63.1	62.3	1.3%	62.7	0.6%
Other	58.3	61.8	-5.7%	58.5	-0.3%
All Employees	**235.4**	**244.5**	**-3.7%**	**236.2**	**-0.3%**
Telephone Equipment	111.8	114.6	-2.4%	112.2	-0.4%
Other	123.6	129.9	-4.8%	124.0	-0.3%
Hourly Wage Index	108.7	108.2	0.5%	107.1	1.5%
Annual Sales/Employee	119,073	100,377	18.6%	118,000	0.9%

TELECOMMUNICATIONS PRODUCER PRICE INDEX MARCH 1993

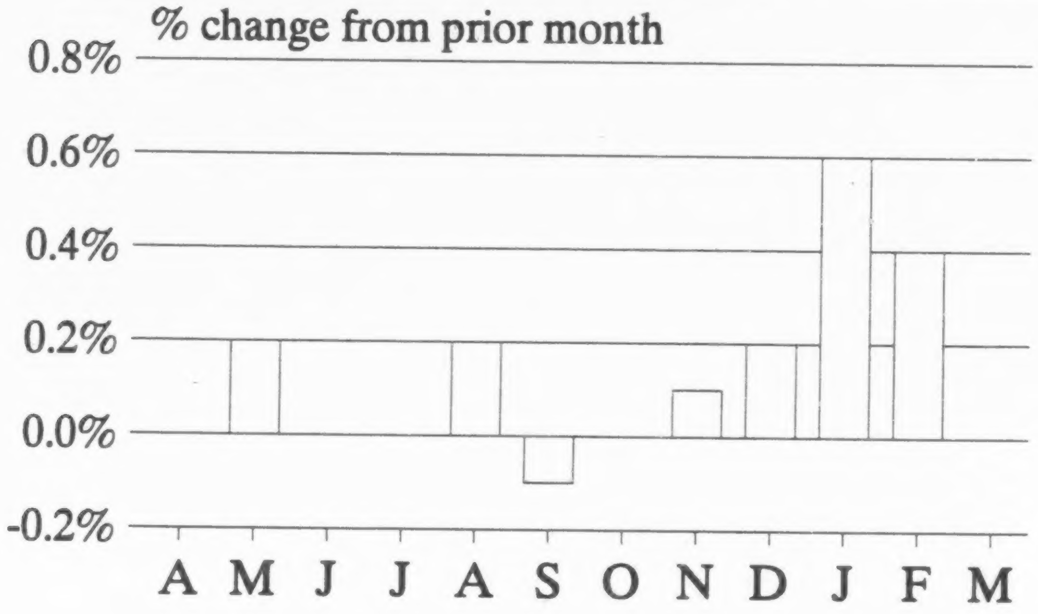
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**104.8**	**103.1**	**1.6%**	**104.8**	**0.0%**
Line Transmission	99.3	98.2	1.1%	99.2	0.1%
Switching Equipment	104.6	103.9	0.8%	104.6	0.0%
Telephone Sets	90.4	93.4	-3.3%	90.4	0.0%
Other Telephone	107.7	102.1	5.5%	108.1	-0.4%
Broadcast Equipment	103.9	102.4	1.5%	103.7	0.3%
Mobile Communications	106.6	105.2	1.4%	106.7	-0.1%
Intercom Systems	102.5	101.2	1.3%	102.1	0.4%
Fiber Optic Cable	103.3	104.0	-0.7%	104.8	-1.5%

Telecommunications
All Employees February 1993



Telecommunications
Composite Price Index March 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,538**	**2,636**	**-3.7%**	**2,707**	**2,924**	**-7.4%**	**7,258**	**7,625**	**-4.8%**
New Orders	2,419	2,395	1.0%	2,370	2,779	-14.7%	7,106	7,862	-9.6%
Production	2,335	2,595	-10.0%	2,466	2,852	-13.5%	7,002	7,434	-5.8%
Inventory	6,140	6,343	-3.2%	6,091	7,488	-18.7%	n/a	n/a	
Unfilled Orders	34,607	34,726	-0.3%	34,758	37,724	-7.9%	n/a	n/a	
Book/Bill Ratio	0.95	0.91	4.9%	0.88	0.95	-7.9%	n/a	n/a	
Inv/Sales Ratio	2.42	2.41	0.5%	2.25	2.56	-12.1%	n/a	n/a	
Unf/Sales Ratio	13.63	13.18	3.5%	12.84	12.90	-0.5%	n/a	n/a	
Prod/Sales Ratio	0.92	0.98	-6.6%	0.91	0.98	-6.6%	n/a	n/a	

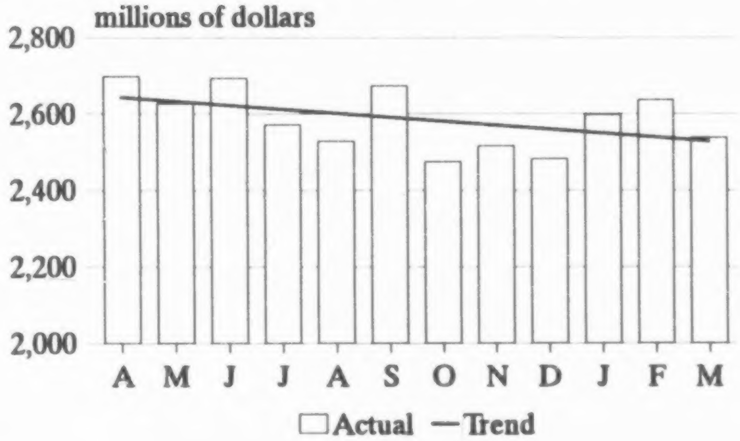
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	**down**	**Factory Sales down 4% in March from prior month, down 5% YTD**
Orders	**up**	**New Orders up 1% in March, down 10% YTD**
Imports	**down**	**Imports down 16% from February 1992, down 9% YTD**
Exports	**down**	**Exports down 7% from February 1992, down 4% YTD**
Employment	**down**	**Total Employment, down 12% in February from prior year**
Wages	**up**	**Hourly Wages up 4% from February of last year**
Factory Prices	**down**	**Composite Producer Price Index down 0.1% from March 1992**

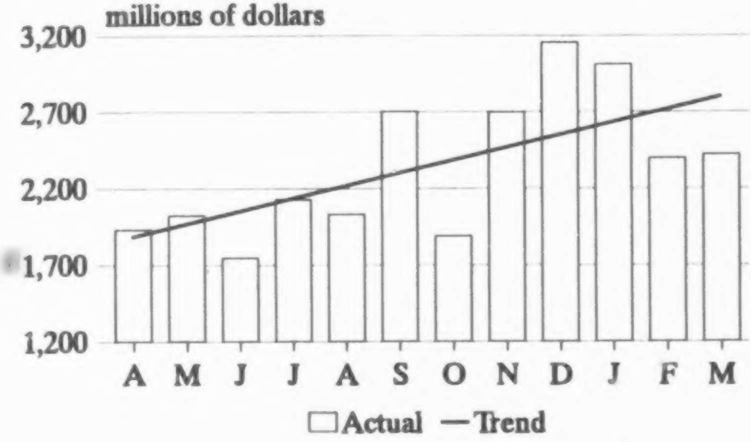
Defense Communications U.S Factory Trends March 1993

(all data seasonally adjusted)

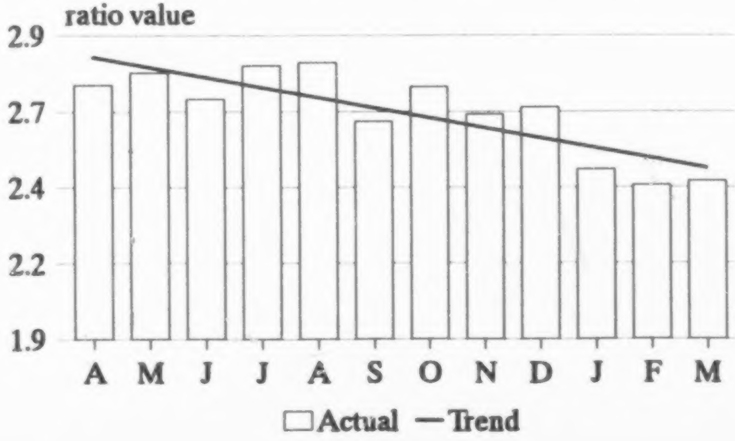
Factory Sales



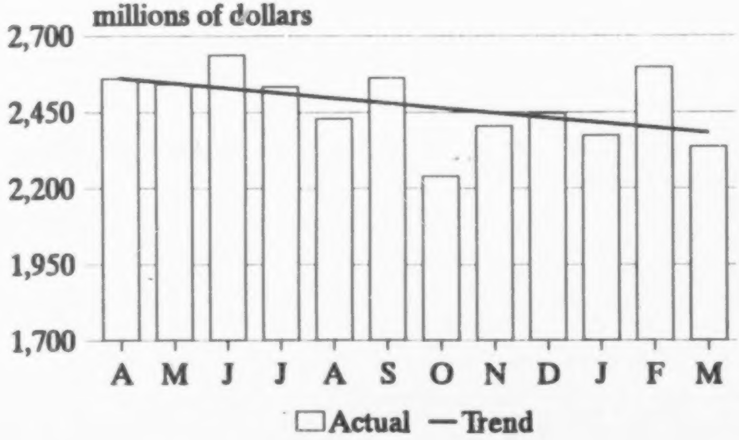
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	80	79	1.3%	77	91	-15.9%	158	173	-8.8%
Exports	222	189	17.5%	198	212	-6.6%	389	406	-4.1%
Balance	142	110	29.1%	121	121	0.4%	231	233	-0.6%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Canada	32	26	23.2%	Japan	44	40	9.1%
Japan	18	24	-24.3%	Canada	40	43	-6.6%
Taiwan	18	13	40.8%	U.K.	37	35	6.0%
Mexico	15	12	23.6%	Taiwan	32	n/a	n/a
U.K.	14	27	-49.7%	France	26	38	-32.6%
France	12	20	-39.6%	S. Korea	24	24	-1.5%
China	11	5	n/a	Egypt	21	n/a	n/a
Israel	8	8	9.4%	Netherlands	19	27	-31.0%
S. Korea	7	9	-20.1%	Germany	17	13	34.1%
Germany	6	8	-28.2%	Turkey	15	n/a	n/a
Other	17	21	-21.1%	Other	115	186	-38.0%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY FEBRUARY 1993

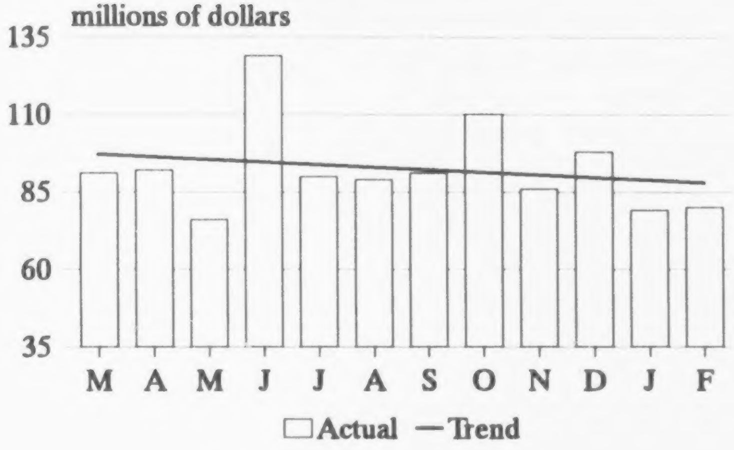
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	23,348	17,034	(6,315)	48,274	31,958	(16,316)
Sound/Sight Signaling App	1,121	2,980	1,860	2,172	7,583	5,411
Radar/Radio Navigational Equip	51,596	176,509	124,913	106,401	346,255	239,854
Meteorological/Geophysical App	436	1,439	1,002	950	3,013	2,062
Total	**76,502**	**197,962**	**121,460**	**157,797**	**388,809**	**231,012**

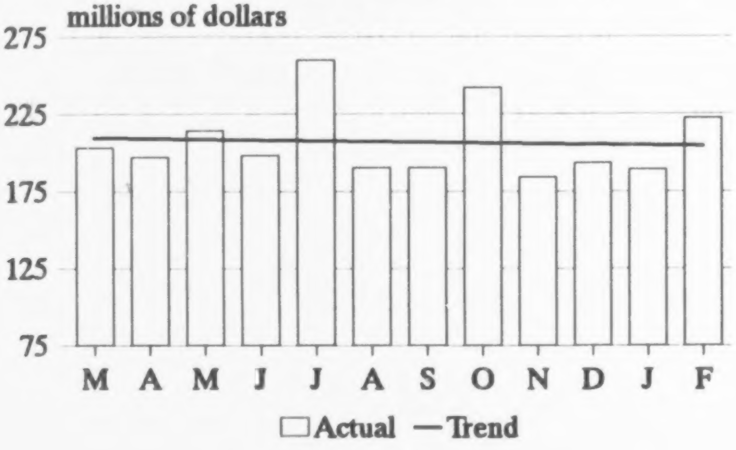
Defense Communications Trade Trends February 1993

(all data seasonally adjusted)

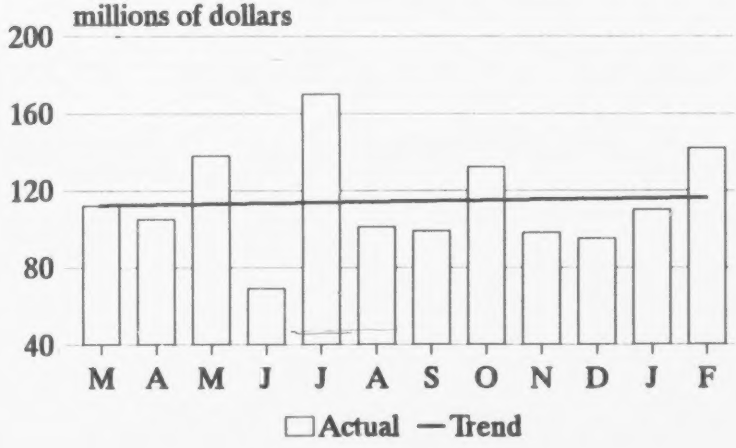
Imports



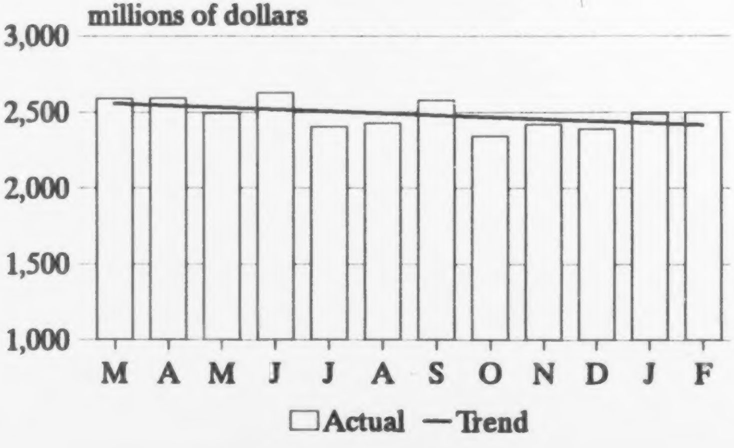
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

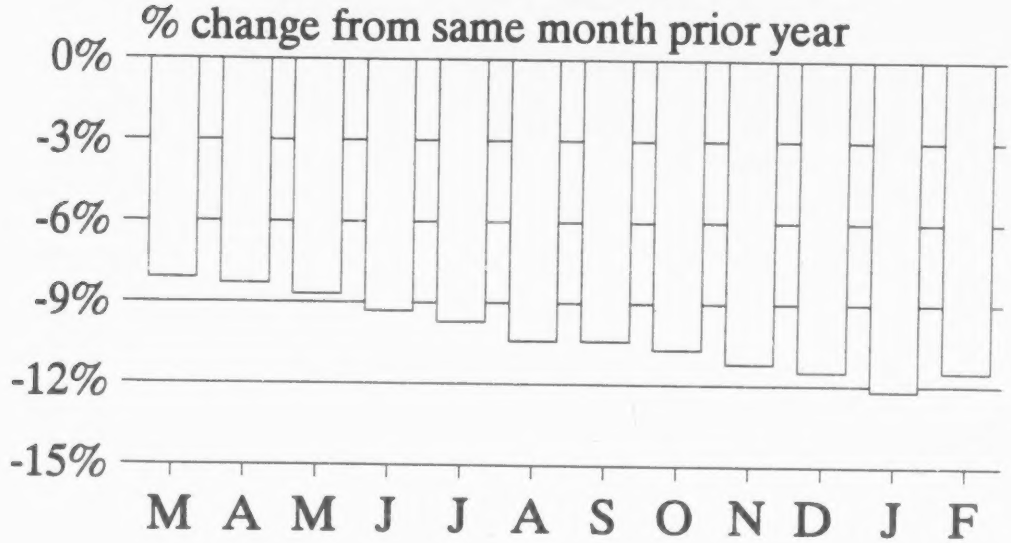
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	69.8	78.7	-11.3%	69.8	0.0%
All Employees	220.4	249.0	-11.5%	221.4	-0.5%
Hourly Wage Index	121.8	117.3	3.8%	121.5	0.2%
Annual Sales/Employee	133,555	130,624	2.2%	132,903	0.5%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX MARCH 1993

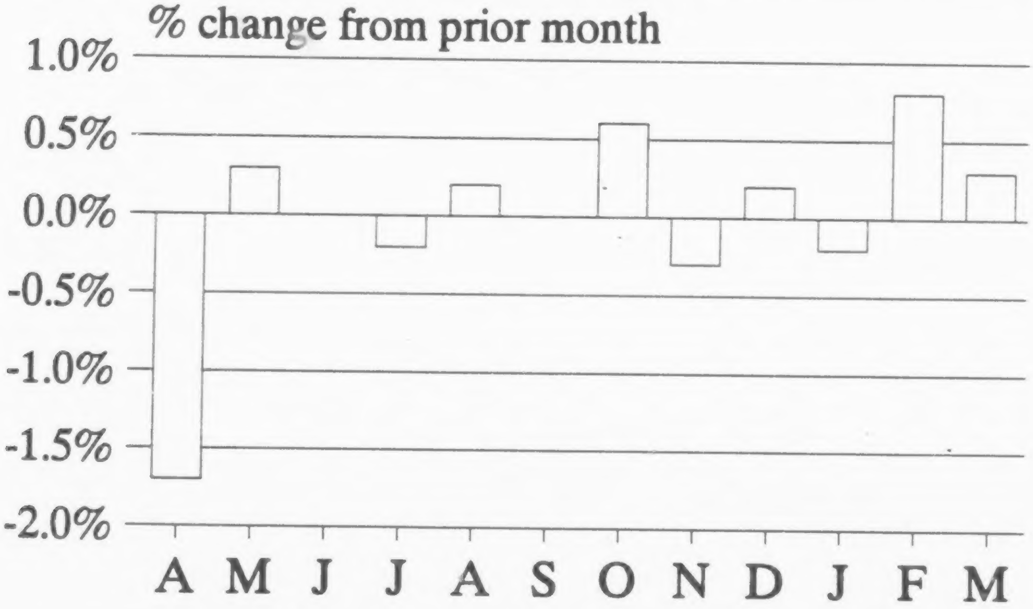
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**100.1**	**100.2**	**-0.1%**	**99.9**	**0.3%**
Navigation Systems	103.1	102.4	0.6%	102.8	0.3%
Radar Equipment	103.4	100.4	3.0%	103.3	0.1%
Defense Electronics	95.8	99.3	-3.6%	95.3	0.5%

Defense Communications All Employees February 1993



Defense Communications Composite Price Index March 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,749**	**5,314**	**8.2%**	**6,941**	**5,453**	**27.3%**	**15,412**	**12,687**	**21.5%**
New Orders	5,716	5,958	-4.1%	6,920	5,585	23.9%	16,274	12,896	26.2%
Production	5,726	5,414	5.8%	6,670	5,220	27.8%	15,642	13,051	19.9%
Inventory	7,900	7,924	-0.3%	7,679	7,795	-1.5%	n/a	n/a	
Unfilled Orders	6,537	6,888	-5.1%	6,355	7,233	-12.1%	n/a	n/a	
Book/Bill Ratio	0.99	1.12	-11.3%	1.00	1.02	-2.7%	n/a	n/a	
Inv/Sales Ratio	1.37	1.49	-7.8%	1.11	1.43	-22.6%	n/a	n/a	
Unf/Sales Ratio	1.14	1.30	-12.3%	0.92	1.33	n/a	n/a	n/a	
Prod/Sales Ratio	1.00	1.02	-2.2%	0.96	0.96	0.4%	n/a	n/a	

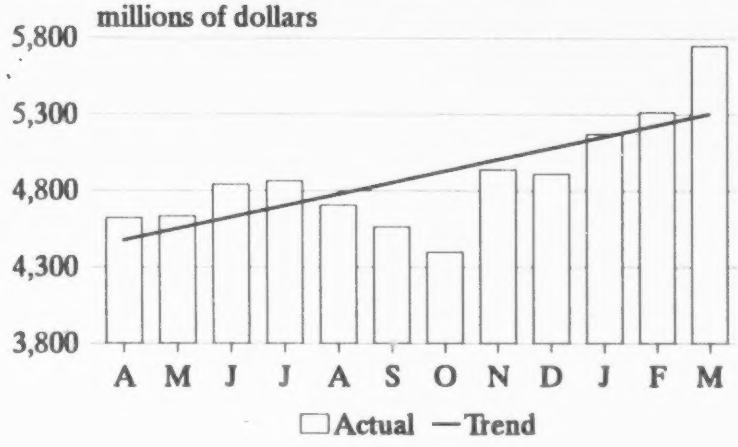
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 8% in March from prior month, up 22% YTD**
Orders	down	**New Orders down 4% in March, up 26% YTD**
Imports	up	**Imports up 23% from February 1992, up 25% YTD**
Exports	up	**Exports up 1% from February 1992, up 4% YTD**
Employment	down	**Total Employment, down 6% in February from prior year**
Wages	up	**Hourly Wages up 2% from February of last year**
Factory Prices	down	**Composite Producer Price Index down 11% from March 1992**

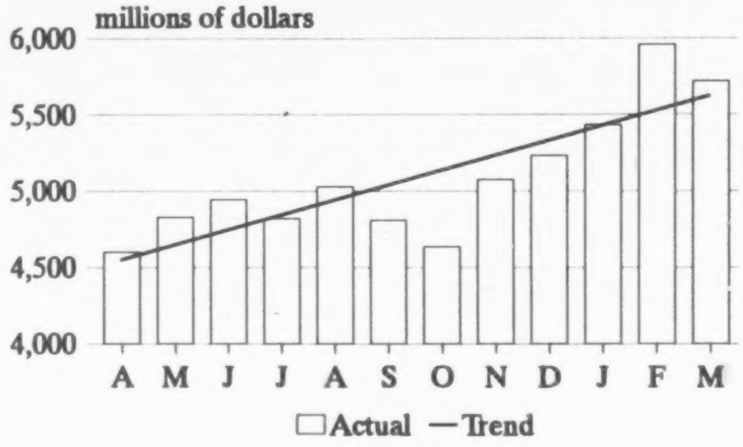
Computers & Peripherals U.S Factory Trends March 1993

(all data seasonally adjusted)

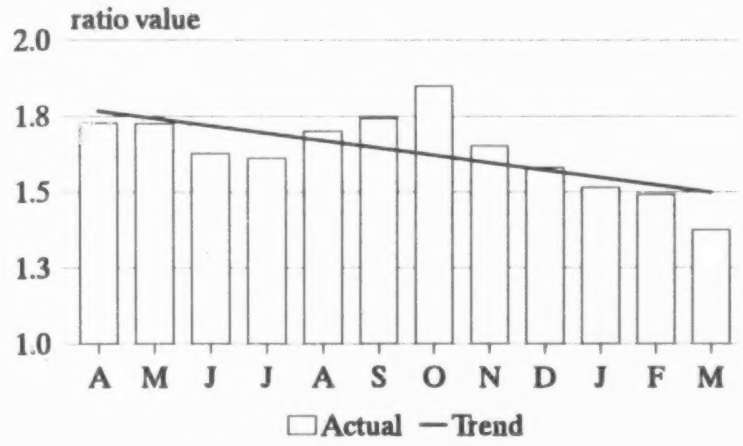
Factory Sales



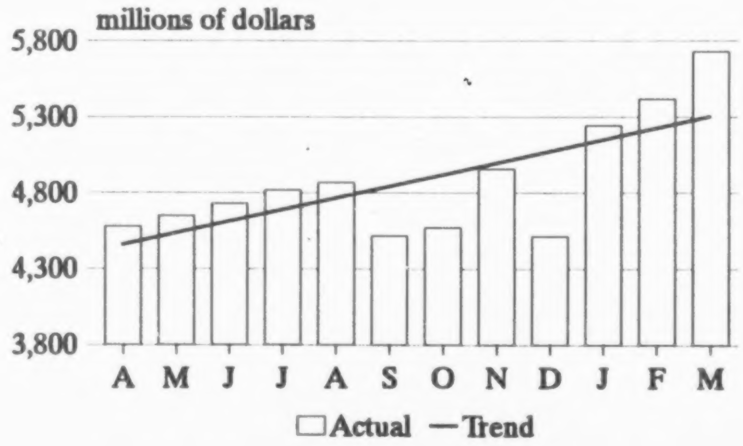
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	2,869	2,820	1.7%	2,712	2,206	22.9%	5,355	4,269	25.4%
Exports	2,550	2,466	3.4%	2,397	2,386	0.5%	4,774	4,578	4.3%
Balance	(319)	(354)	-9.9%	(314)	180	n/a	(580)	309	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	1,955	1,589	23.0%	Canada	728	685	6.3%
Singapore	852	643	32.5%	U.K.	534	495	7.9%
Taiwan	722	611	18.0%	Japan	508	606	-16.3%
Canada	307	297	3.6%	Germany	427	483	-11.6%
S. Korea	285	184	n/a	Netherlands	396	288	37.6%
Thailand	161	99	n/a	Singapore	238	204	16.7%
Malaysia	160	105	n/a	France	215	227	-5.5%
Mexico	155	117	33.1%	Mexico	214	174	22.5%
U.K.	134	133	0.8%	Australia	126	151	-16.9%
Hong Kong	126	90	39.0%	Ireland	104	117	-10.7%
Other	499	402	24.2%	Other	1,284	1,146	12.0%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY FEBRUARY 1993

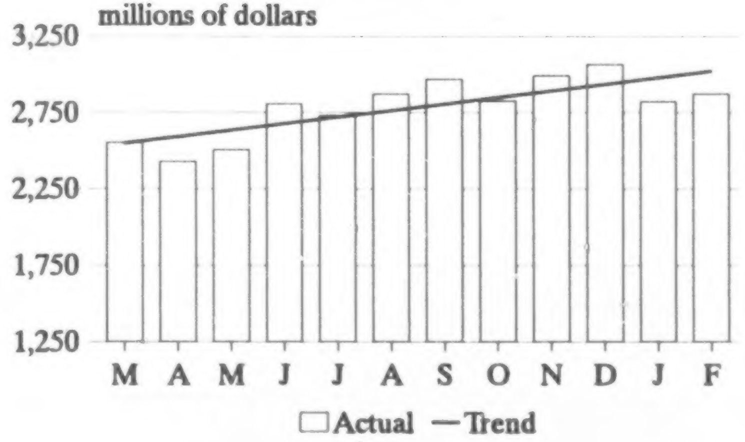
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	357,278	586,236	228,959	728,274	1,191,496	463,222
Monitors	343,694	56,569	(287,125)	687,025	107,680	(579,344)
Disk Drives and Blank Media	782,346	462,830	(319,515)	1,518,389	960,328	(558,061)
Printers	229,919	113,327	(116,592)	490,607	235,644	(254,963)
Other Computer Peripherals	63,174	88,909	25,735	130,911	175,386	44,476
Other Business Machines/Parts	935,132	1,089,348	154,215	1,798,897	2,104,124	305,227
Total	**2,711,542**	**2,397,219**	**(314,323)**	**5,354,101**	**4,774,659**	**(579,443)**

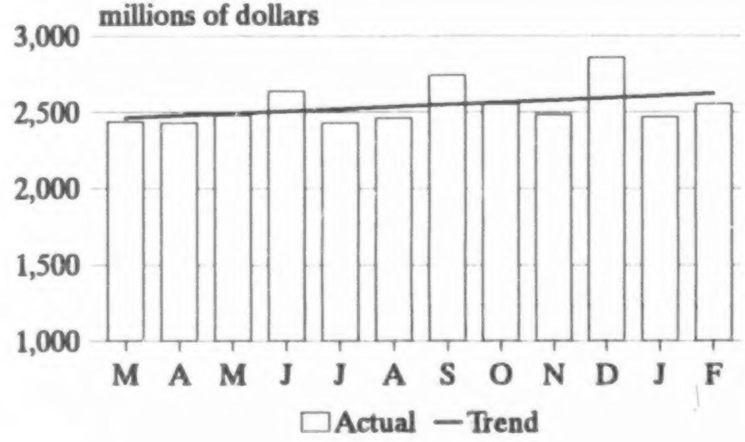
Computers & Peripherals Trade Trends February 1993

(all data seasonally adjusted)

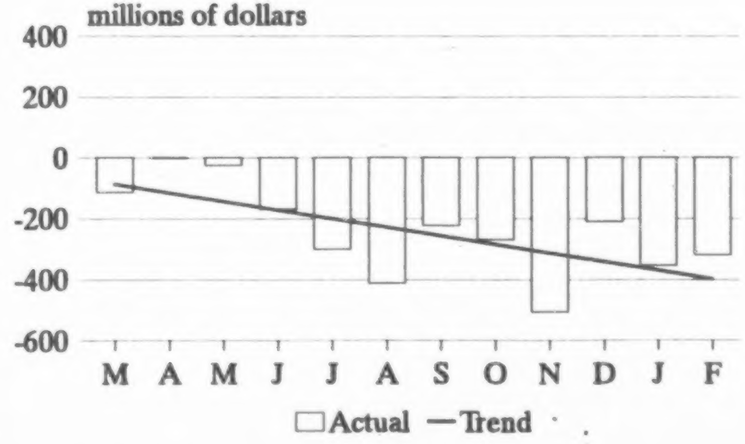
Imports



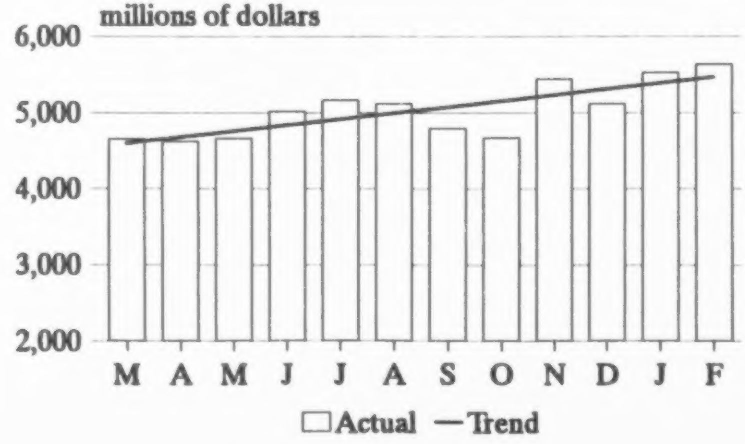
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

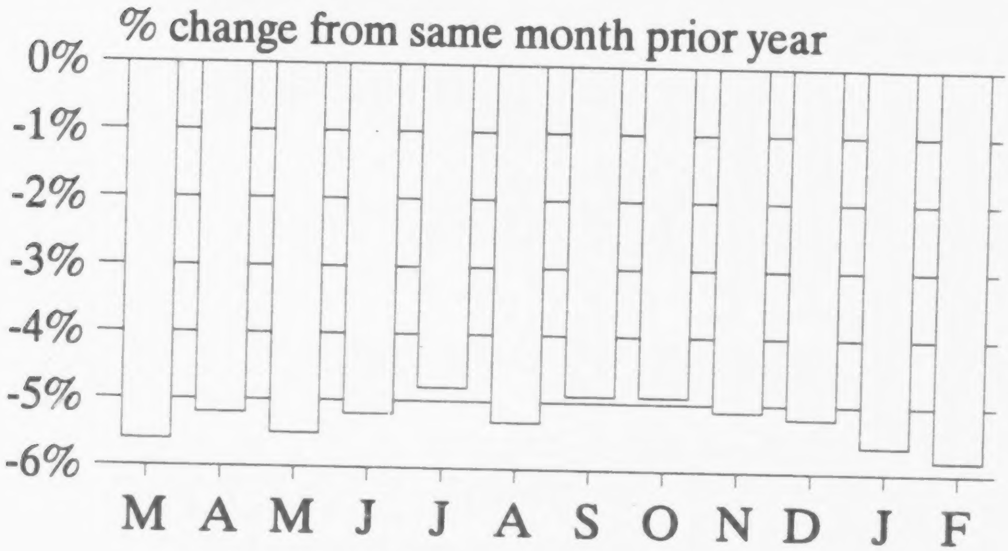
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	**126.6**	**130.9**	**-3.3%**	**128.3**	**-1.3%**
Computers	56.4	63.0	-10.5%	57.8	-2.4%
Other	70.2	67.9	3.4%	70.5	-0.4%
All Employees	**378.6**	**401.9**	**-5.8%**	**380.9**	**-0.6%**
Computers	223.0	247.4	-9.9%	225.2	-1.0%
Other	155.6	154.5	0.7%	155.7	-0.1%
Hourly Wage Index	116.2	114.3	1.7%	115.7	0.5%
Annual Sales/Employee	123,643	102,537	20.6%	121,130	2.1%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX MARCH 1993

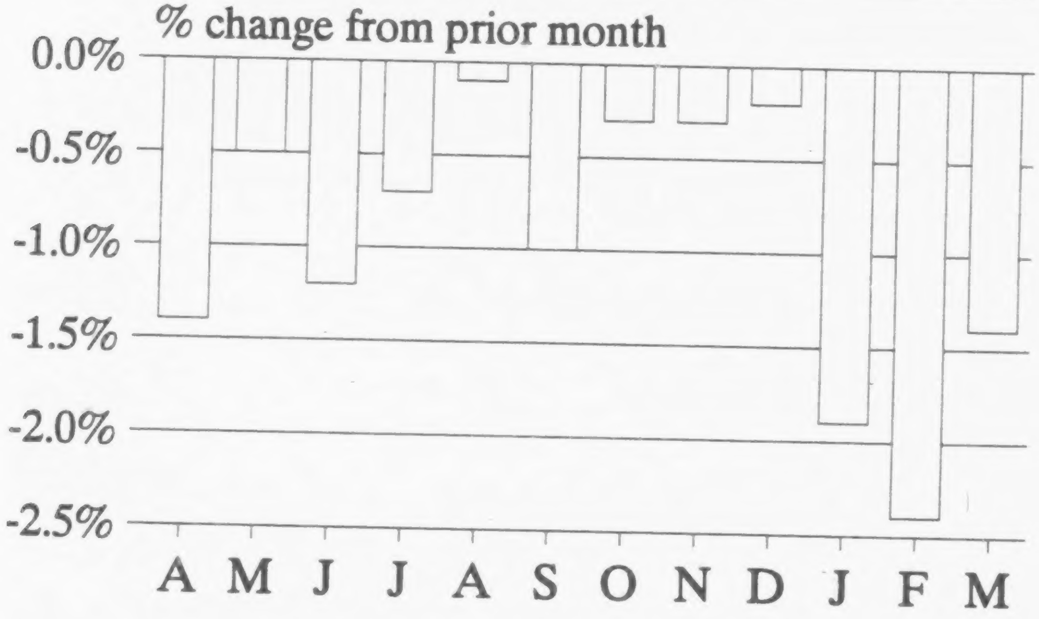
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**68.8**	**77.2**	**-11.0%**	**69.7**	**-1.4%**
Computers	70.7	74.0	-4.4%	72.7	-2.7%
Serial Access Devices	90.7	n/a	n/a	90.7	0.0%
Hard Disks	101.8	100.7	1.1%	101.8	0.0%
Floppy Diskettes	89.9	95.6	-6.0%	91.9	-2.2%

Computers & Peripherals
All Employees February 1993



Computers & Peripherals
Composite Price Index March 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,283**	**2,297**	**-0.6%**	**2,410**	**2,367**	**1.8%**	**6,541**	**6,360**	**2.8%**
New Orders	2,300	2,439	-5.7%	4,111	2,205	n/a	11,492	6,746	n/a
Production	2,291	2,308	-0.7%	2,352	2,160	8.9%	6,303	5,758	9.5%
Inventory	4,631	4,623	0.2%	2,846	4,029	-29.3%	n/a	n/a	
Unfilled Orders	5,623	5,685	-1.1%	3,097	4,969	n/a	n/a	n/a	
Book/Bill Ratio	1.01	1.06	-5.1%	1.71	0.93	n/a	n/a	n/a	
Inv/Sales Ratio	2.03	2.01	0.8%	1.18	1.70	n/a	n/a	n/a	
Unf/Sales Ratio	2.46	2.48	-0.5%	1.29	2.10	n/a	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	-0.1%	0.98	0.91	6.9%	n/a	n/a	

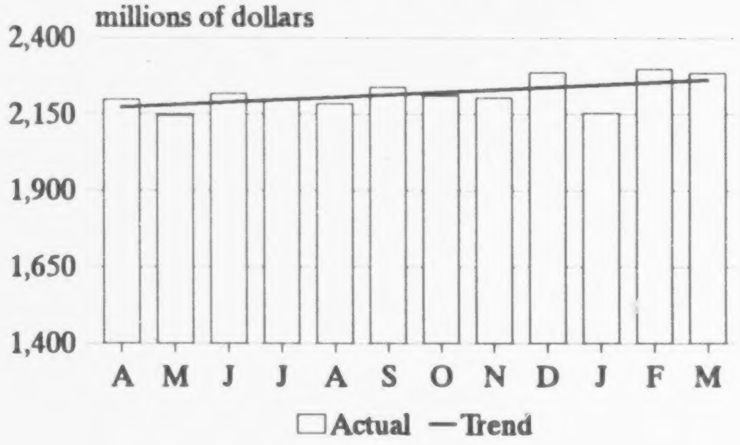
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 1% in March from prior month, up 3% YTD**
Orders	down	**New Orders down 6% in March, up sharply YTD**
Imports	up	**Imports up 23% from February 1992, up 27% YTD**
Exports	up	**Exports up 4% from February 1992, up 3% YTD**
Employment	down	**Total Employment, down 5% in February from prior year**
Wages	up	**Hourly Wages up 11% from February of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from March 1992**

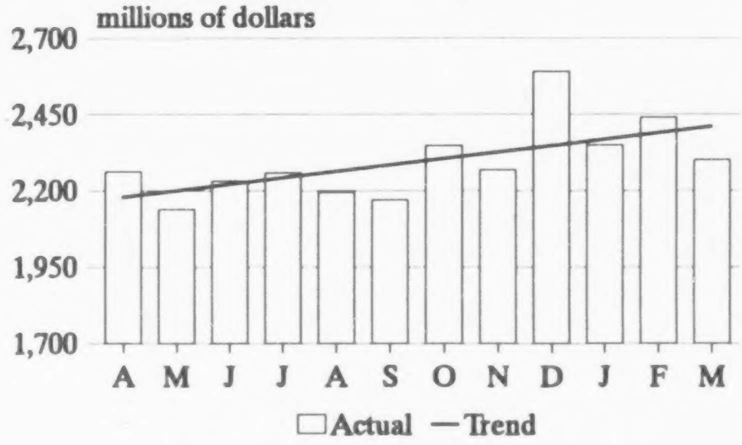
Industrial Electronics U.S Factory Trends March 1993

(all data seasonally adjusted)

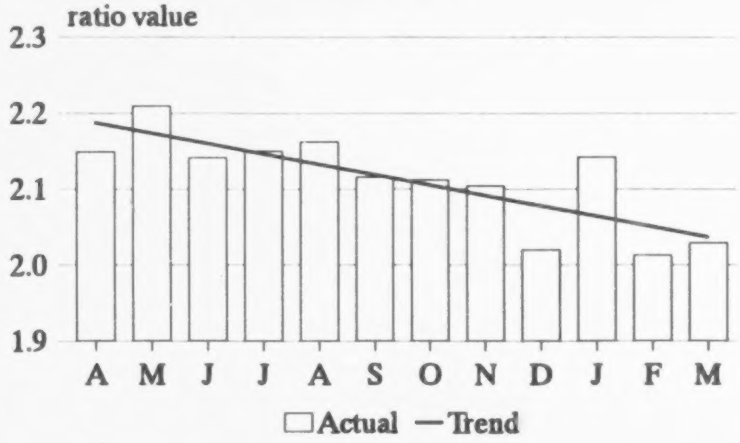
Factory Sales



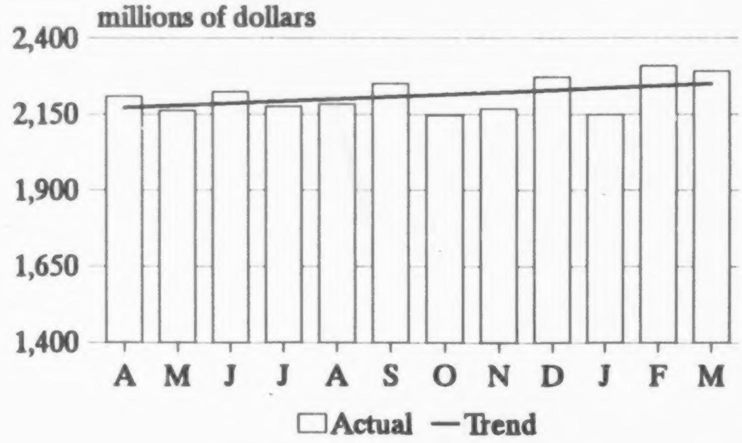
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	253	228	11.0%	260	211	23.1%	485	382	26.9%
Exports	629	571	10.2%	625	600	4.1%	1,189	1,157	2.7%
Balance	376	343	9.6%	365	389	-6.1%	704	775	-9.2%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	181	107	n/a	Canada	164	162	1.6%
Germany	63	49	30.5%	Japan	145	189	-23.1%
Canada	62	52	19.2%	U.K.	92	76	19.8%
U.K.	51	52	-2.7%	Germany	88	99	-11.8%
Mexico	24	28	-14.1%	Mexico	81	69	17.0%
France	15	12	22.9%	France	70	56	25.0%
Switzerland	12	11	16.0%	S. Korea	54	63	-14.8%
Netherlands	10	8	21.2%	Taiwan	45	46	-1.6%
Taiwan	10	10	-3.6%	China	43	n/a	n/a
Sweden	9	9	7.6%	Italy	38	38	n/a
Other	48	45	7.5%	Other	369	358	2.9%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY FEBRUARY 1993

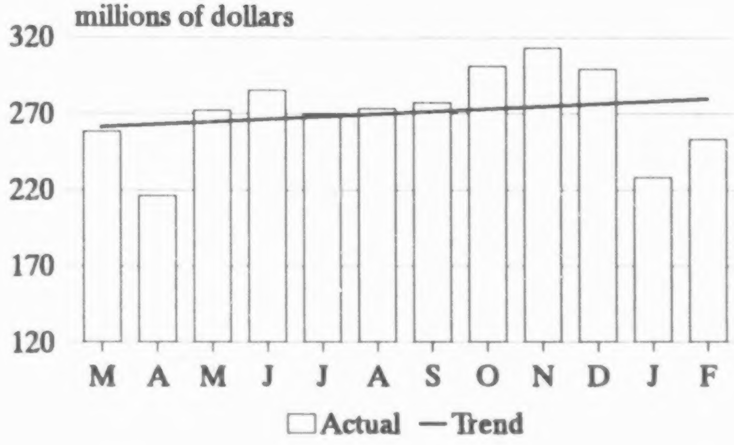
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	15,106	8,154	(6,951)	30,499	13,260	(17,239)
Testing/Analyzing Equip	41,290	171,606	130,316	75,808	341,101	265,293
Measuring/Analyzing Equip	68,339	205,307	136,967	128,877	382,558	253,681
Process/Control Devices	16,418	58,296	41,878	31,545	119,543	87,998
Other Electronic Machinery	118,601	153,780	35,179	218,396	287,014	68,618
Total	**259,753**	**597,143**	**337,390**	**485,126**	**1,143,477**	**658,351**

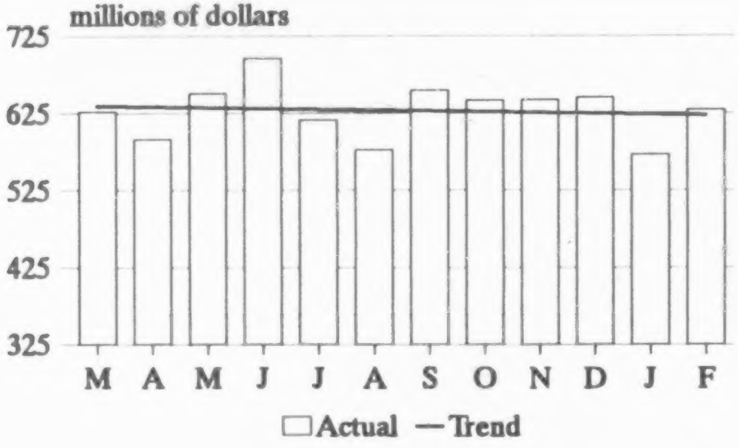
Industrial Electronics Trade Trends February 1993

(all data seasonally adjusted)

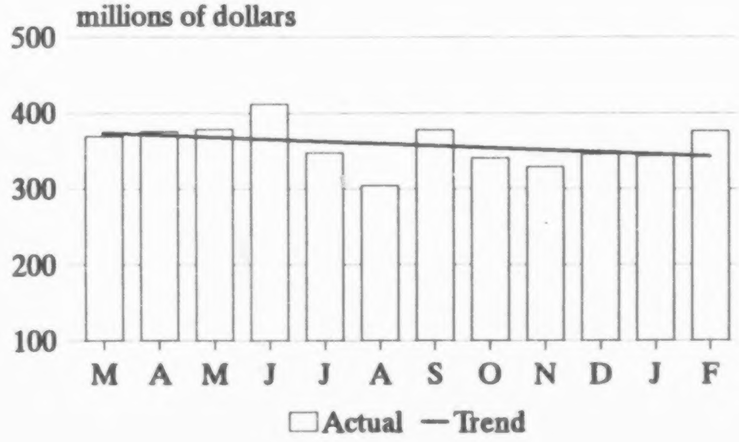
Imports



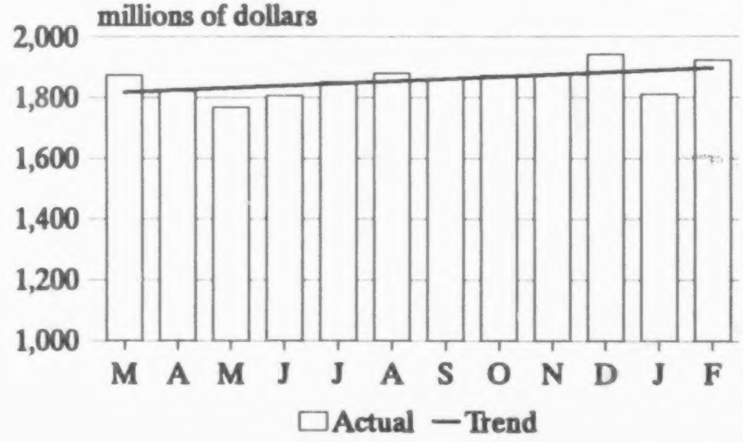
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

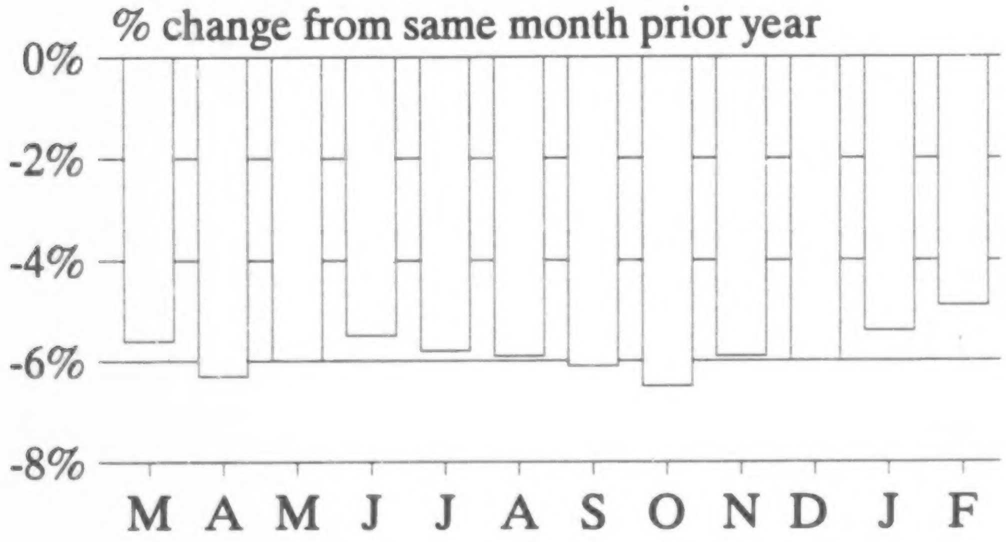
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	**113.4**	**123.7**	**-8.3%**	**113.8**	**-0.4%**
Process Controls	26.5	30.1	-12.0%	26.7	-0.7%
Testing/Measuring	37.7	40.3	-6.5%	37.6	0.3%
Other	49.2	53.3	-7.7%	49.5	-0.6%
All Employees	**227.1**	**238.9**	**-4.9%**	**227.7**	**-0.3%**
Process Controls	55.6	60.1	-7.5%	55.9	-0.5%
Testing/Measuring	78.0	81.3	-4.1%	78.3	-0.4%
Other	93.5	97.5	-4.1%	93.5	0.0%
Hourly Wage Index	127.9	115.4	10.9%	126.4	1.2%
Annual Sales/Employee	114,748	104,423	9.9%	113,560	1.0%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX MARCH 1993

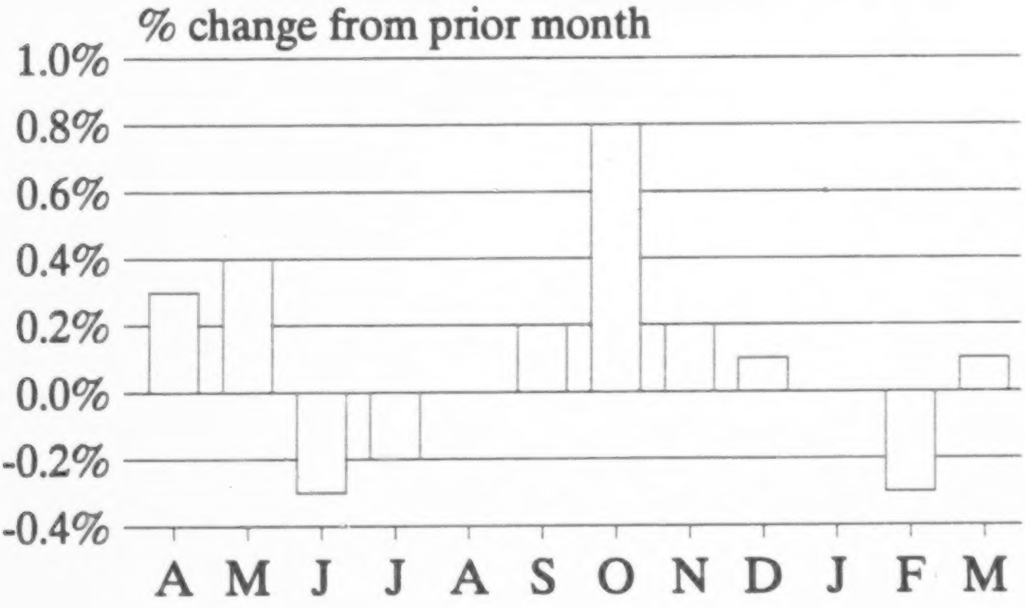
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**104.2**	**102.8**	**1.4%**	**104.1**	**0.1%**
Testing/Measuring	102.9	102.4	0.5%	102.9	0.0%
Nuclear Radiation	105.2	102.7	2.4%	105.1	0.1%
Process Controls	106.0	102.0	3.9%	105.7	0.2%
Other Equipment	104.7	104.2	0.4%	104.5	0.2%

Industrial Electronics
All Employees February 1993



Industrial Electronics
Composite Price Index March 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**662**	**632**	**4.6%**	**704**	**686**	**2.5%**	**1,949**	**1,931**	**0.9%**
New Orders	625	580	7.8%	666	629	5.9%	1,925	1,875	2.7%
Production	656	627	4.7%	693	674	2.9%	1,957	1,952	0.3%
Inventory	1,405	1,410	-0.4%	1,406	1,364	3.1%	n/a	n/a	
Unfilled Orders	1,868	1,905	-1.9%	1,868	1,798	3.9%	n/a	n/a	
Book/Bill Ratio	0.94	0.92	3.0%	0.95	0.92	3.3%	n/a	n/a	
Inv/Sales Ratio	2.12	2.23	-4.8%	2.00	1.99	0.5%	n/a	n/a	
Unf/Sales Ratio	2.82	3.01	-6.3%	2.65	2.62	1.3%	n/a	n/a	
Prod/Sales Ratio	0.99	0.99	0.1%	0.99	0.98	0.4%	n/a	n/a	

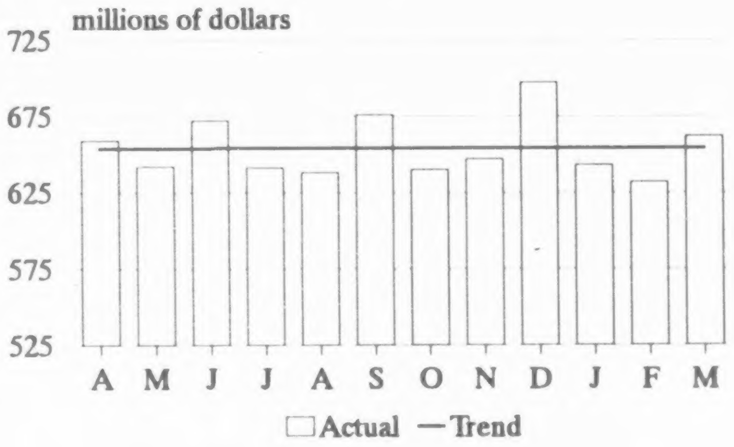
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	**up**	**Factory Sales up 5% in March from prior month, up 1% YTD**
Orders	**up**	**New Orders up 8% in March, up 3% YTD**
Imports	**up**	**Imports up 3% from February 1992, down 1% YTD**
Exports	**up**	**Exports up 4% from February 1992, up 3% YTD**
Employment	**up**	**Total Employment, up 1% in February from prior year**
Wages	**down**	**Hourly Wages down 0.2% from February of last year**
Factory Prices	**up**	**Composite Producer Price Index up 1% from March 1992**

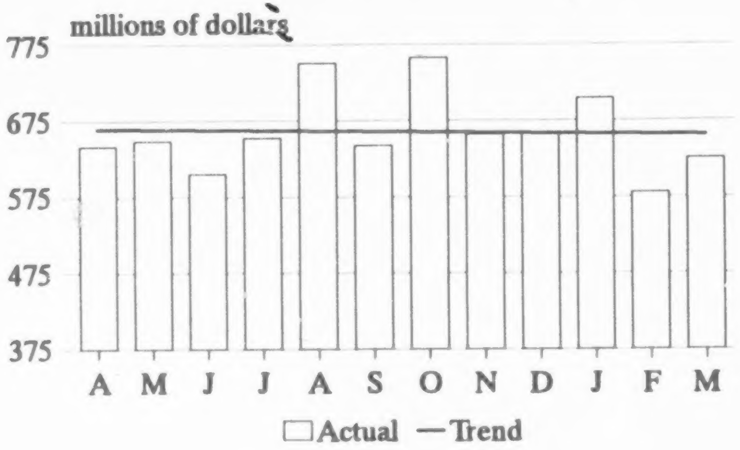
Electromedical Equipment U.S Factory Trends March 1993

(all data seasonally adjusted)

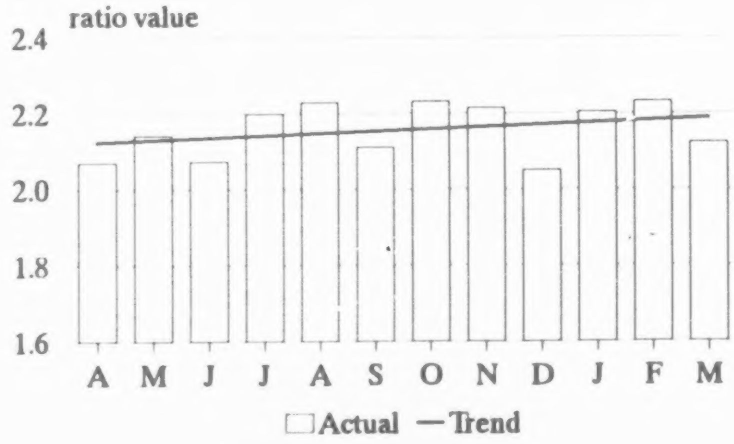
Factory Sales



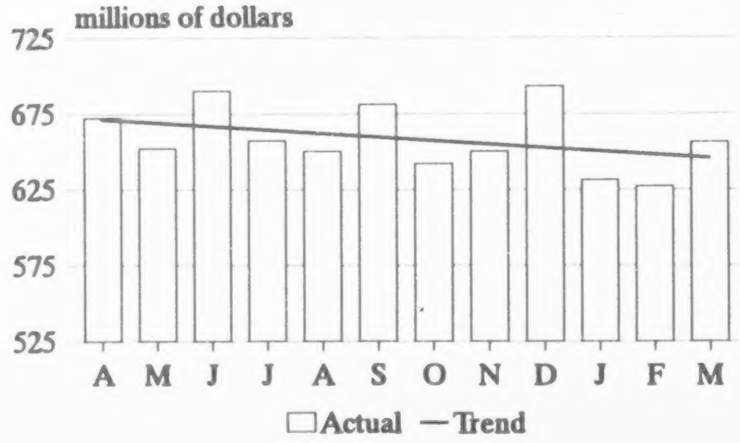
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY FEBRUARY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Feb-93	Jan-93	% ch.	Feb-93	Feb-92	% ch.	YTD-93	YTD-92	% ch.
Imports	189	182	3.8%	179	175	2.5%	341	345	-0.9%
Exports	294	273	7.7%	289	278	4.1%	554	538	3.0%
Balance	105	91	15.4%	110	103	6.8%	213	194	10.0%

ELECTROMEDICAL BILATERAL TRADE SUMMARY FEBRUARY 1993

(not seasonally adjusted thousands of dollars)

Year-to-Date

	Imports				Exports		
	Feb-93	Feb-92	% ch.		Feb-93	Feb-92	% ch.
Japan	116	122	-4.9%	Japan	87	92	-5.1%
Germany	93	103	-9.1%	Germany	77	80	-3.4%
Netherlands	33	23	47.8%	Canada	49	47	3.3%
France	20	22	-10.4%	Netherlands	43	42	1.3%
Mexico	13	14	-7.0%	France	32	27	22.3%
U.K.	11	11	-4.8%	Mexico	28	20	41.9%
Sweden	7	5	n/a	U.K.	26	30	-11.5%
Canada	6	4	32.2%	Australia	16	n/a	n/a
Singapore	5	2	n/a	Brazil	16	n/a	n/a
Israel	5	5	-10.9%	Belgium	15	14	8.2%
Other	32	33	-4.4%	Other	165	187	-11.6%

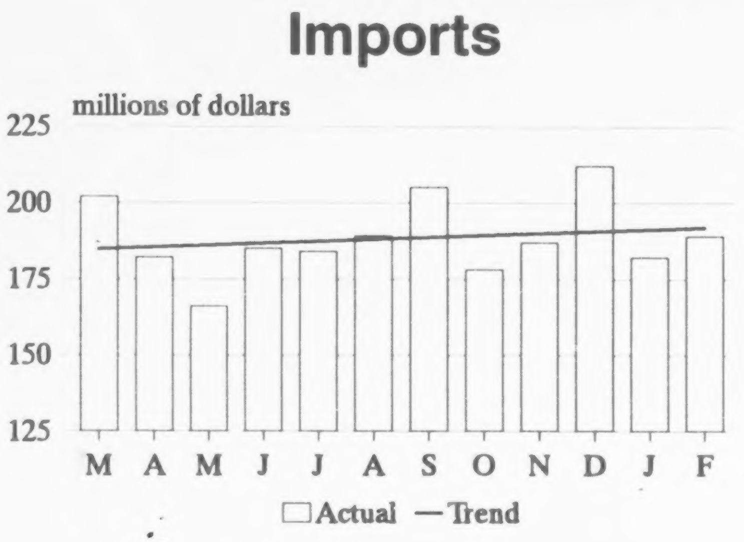
ELECTROMEDICAL PRODUCT TRADE SUMMARY FEBRUARY 1993

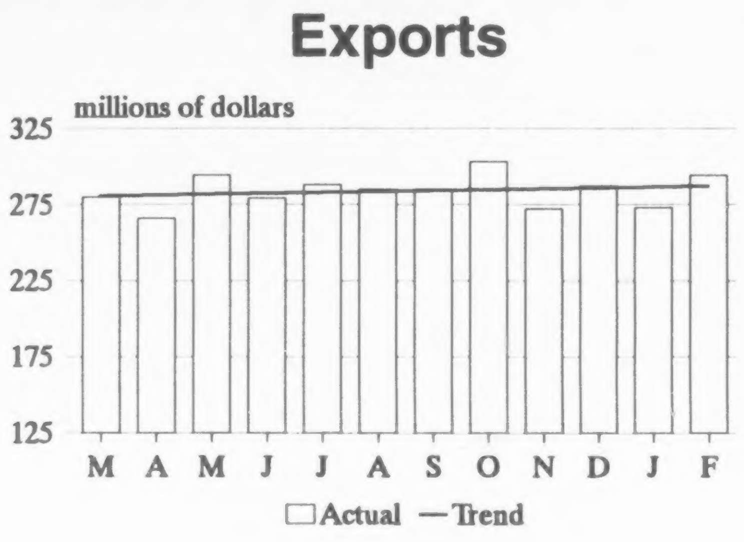
(not seasonally adjusted thousands of dollars)

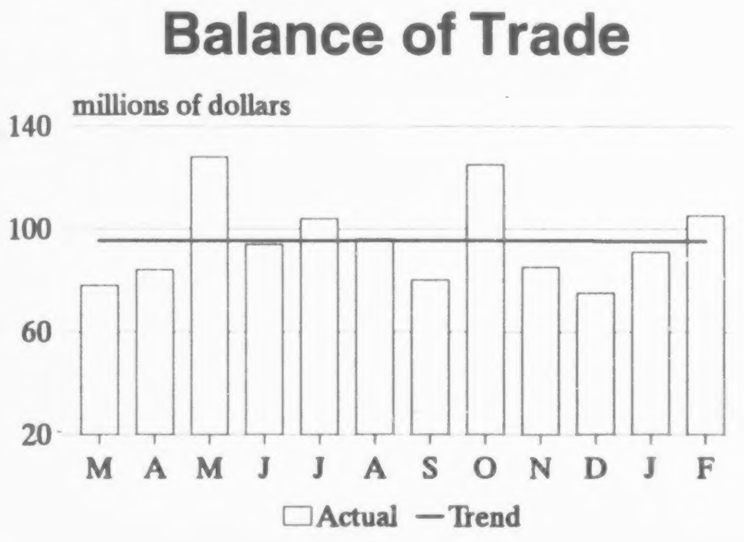
	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	97.827	212.082	114.254	189,250	411,557	222.307
X-Ray and Related Equip	81.598	77.354	(4.245)	152.247	142.526	(9.721)
Total	**179,426**	**289,435**	**110,010**	**341,497**	**554,083**	**212,586**

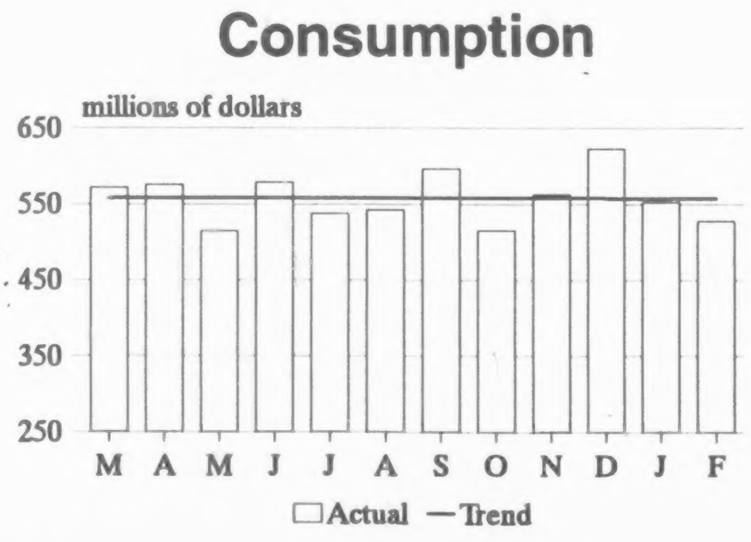
Electromedical Equipment Trade Trends February 1993

(all data seasonally adjusted)









ELECTROMEDICAL EMPLOYMENT SUMMARY FEBRUARY 1993

(thousands of workers, hourly wage index 1/88=100)

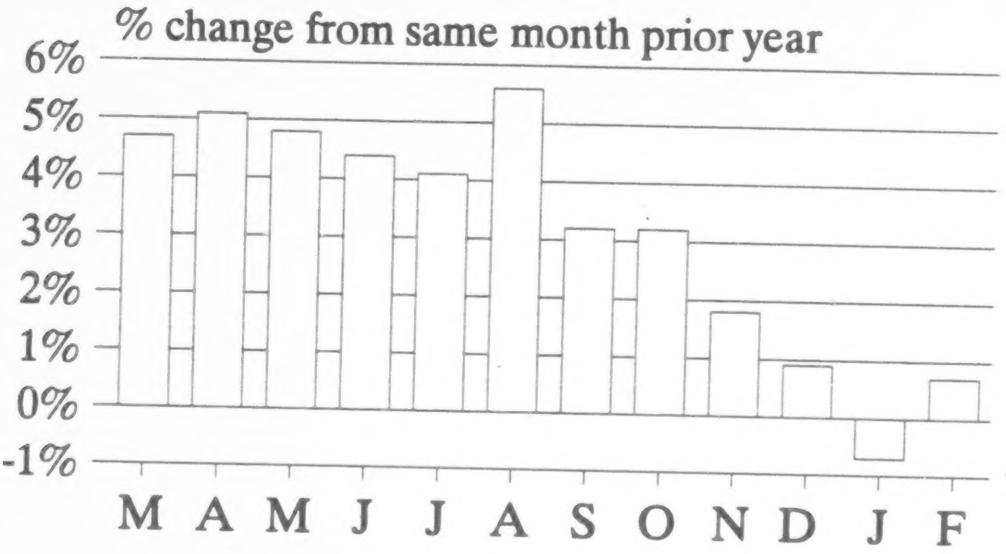
	Not Seasonally Adjusted				
	Feb-93	Feb-92	% ch.	Jan-93	% ch.
Production Workers	17.7	17.2	2.9%	17.7	0.0%
All Employees	44.4	44.1	0.7%	44.2	0.5%
Hourly Wage Index	120.9	121.1	-0.2%	120.9	0.0%
Annual Sales/Employee	173,601	173,376	0.1%	173,753	-0.1%

ELECTROMEDICAL PRODUCER PRICE INDEX MARCH 1993

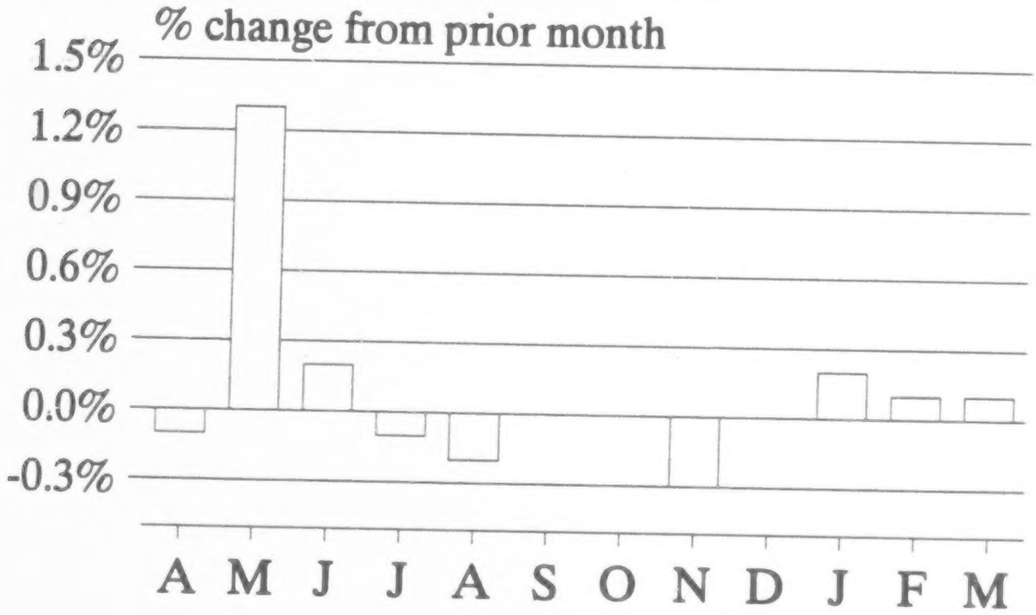
(12/90=100)

	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Composite Index	**102.5**	**101.2**	**1.3%**	**102.4**	**0.1%**
Irradiation Equipment	102.6	101.7	0.8%	102.5	0.1%
Diagnostic/Monitoring	102.4	100.7	1.8%	102.5	0.0%
Electrotherapeutic	102.5	102.1	0.5%	102.3	0.3%

Electromedical Equipment
All Employees February 1993



Electromedical Equipment
Composite Price Index March 1993

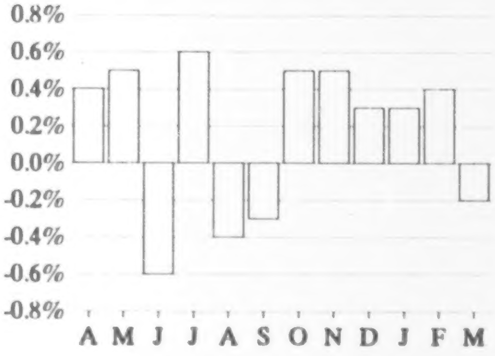


Economic Data Bank - As of May 5, 1993

	Current Period	Previous Period	Year Ago
	Mar-93	Feb-93	Mar-92
Capacity Utilization (% utilized)	**79.9**	**80.1**	**77.5**
	Apr-93	Mar-93	Apr-92
Consumer Confidence (Index 1985=100)	**67.7**	**62.6**	**56.5**
	1st Qtr	4th Qtr	1st Qtr
Gross Domestic Product (billions 1987 $)	**5,013.1**	**4,990.8**	**4,873.7**
	4th Qtr	3rd Qtr	4th Qtr
Gross National Product (billions 1987 $)	**4,995.9**	**4,945.6**	**4,848.2**
	1st Qtr	4th Qtr	1st Qtr
Government Purchases (billions 1987 $)	**921.5**	**936.8**	**937.0**
	Mar-93	Feb-93	Mar-92
Industrial Production (Index 1987=100)	**112.0**	**112.0**	**107.6**
	Mar-93	Feb-93	Mar-92
Housing Starts (annual rate 000's)	**1,134**	**1,189**	**1,318**
	Mar-93	Feb-93	Mar-92
Leading Economic Indicators (Index 1987=100)	**152.0**	**153.5**	**147.9**
	Apr-93	Mar-93	Apr-92
90-Day T-Bill Rate (%)	**2.97**	**2.97**	**4.10**
	Apr-93	Mar-93	Apr-92
Prime Rate (%)	**6.00**	**6.00**	**6.50**
	Mar-93	Feb-93	Mar-92
Unemployment Rate (% of labor force)	**7.0**	**7.0**	**7.3**
	Mar-93	Feb-93	Mar-92
Real Money Supply M-2 (billions 1987 $)	**2,334.1**	**2,338.6**	**2,405.5**
	Mar-93	Feb-93	Mar-92
Retail Sales (billions of dollars)	**167.7**	**169.1**	**159.6**
	Mar-93	Feb-93	Mar-92
Disposable Personal Income (billions 1987 $)	**3,653.3**	**3,634.1**	**3,581.9**
	Mar-93	Feb-93	Mar-92
Auto Sales (annual rate millions)	**8.3**	**8.0**	**8.3**
	Mar-93	Feb-93	Mar-92
Personal Savings Rate (% of income)	**4.8**	**4.5**	**4.9**
	Mar-93	Feb-93	Mar-92
CPI-U All Items (Index 1982-84=100)	**143.6**	**143.1**	**139.3**
	Mar-93	Feb-93	Mar-92
PPI Finished Goods (Index 1982-84=100)	**125.0**	**124.5**	**122.5**
	Feb-93	Jan-93	Feb-92
Balance of Trade (billions of dollars)	**(7.2)**	**(7.2)**	**(5.6)**

Capacity Utilization

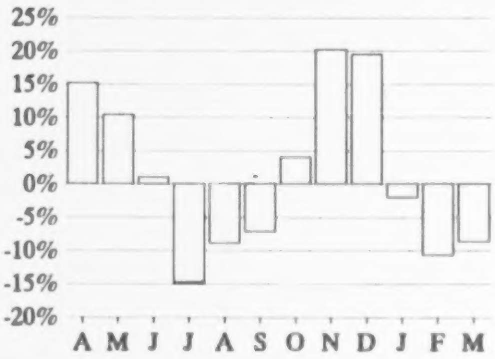
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

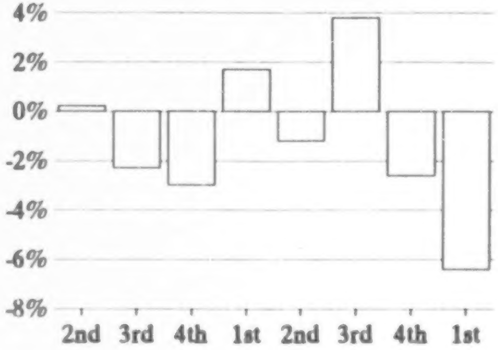
(percent change from previous month)



Source: Conference Board

Government Purchases

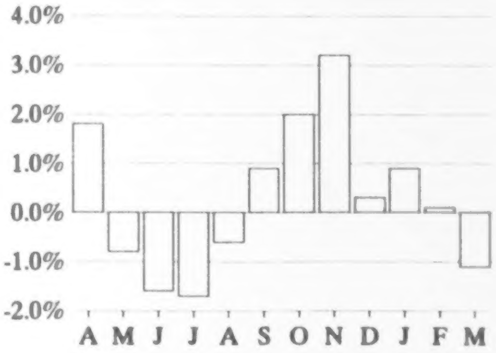
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

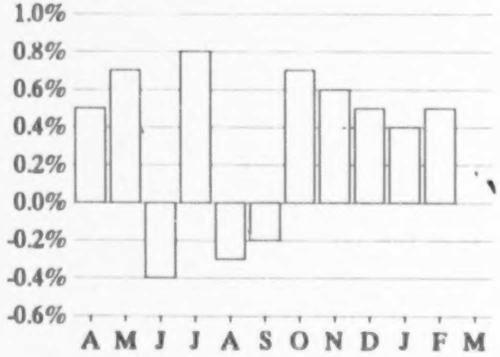
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

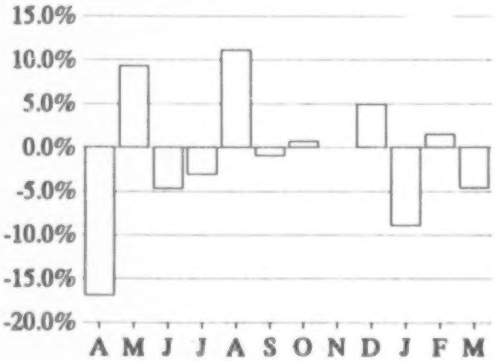
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

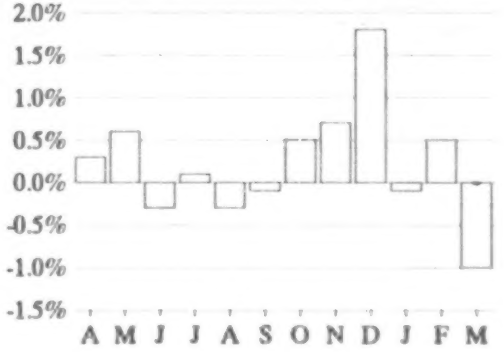
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

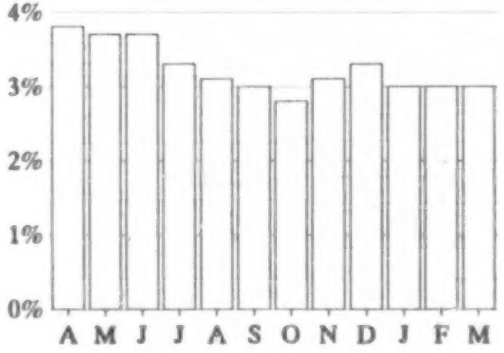
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

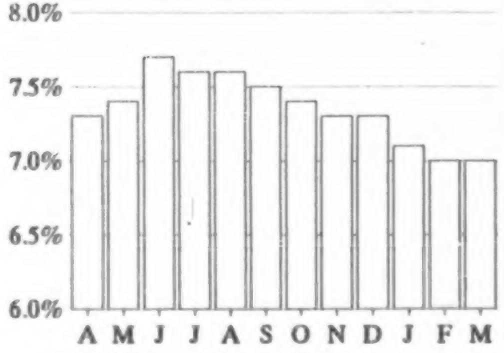
(interest rate)



Source: Conference Board

Unemployment Rate

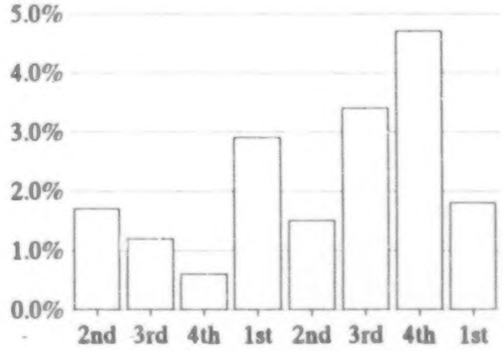
(precent of civilian laborforce)



Source: Department of Commerce

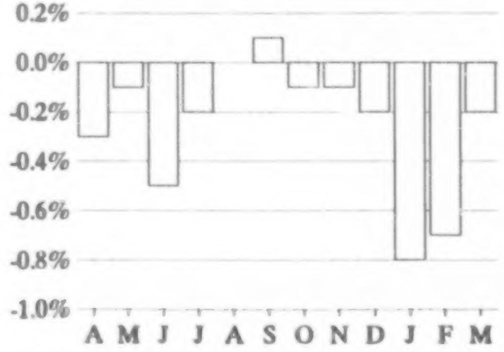
Real GDP

(quarter vs. previous quarter)



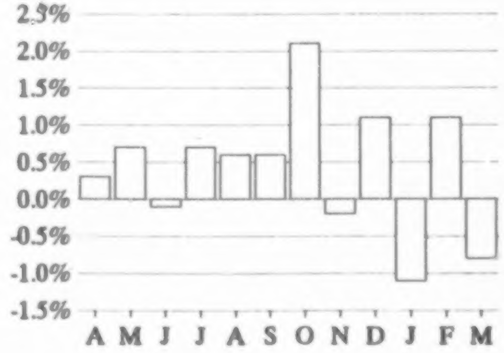
Real Money Supply M-2

(percent change from previous month)



Retail Sales

(percent change from previous month)



Footnotes

[1] Represents U.S. factory sales of electronics, (comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment) and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

Electronic Market Data Book

This yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: computers, consumer electronics, electronic components, government electronics, industrial electronics and telecommunications. Another section provides complete international trade, employment and R&D information. Packed with over 100 tables, charts, and graphs, the **Electronic Market Data Book** provides sales and production figures for the most recent year as well as historical data and other information to help pinpoint growing markets and spot trends. For over 35 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** because it provides the most up-to-date and reliable data available—from the U.S. government, industry experts, private sources and EIA Marketing Services statistial programs. A table of contents from the **Electronic Market Data Book** is available free on request.

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- Top 10 foreign suppliers of electronic products to the U.S.
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March 1993 Electronics Trade Data

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U.S. ELECTRONICS FACTORY DATA SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**25,197**	**26,034**	**-3.2%**	**22,934**	**21,696**	**5.7%**	**95,654**	**89,304**	**7.1%**
New Orders	16,790	15,848	5.9%	19,404	13,180	n/a	69,929	56,962	22.8%
Production	15,976	16,426	-2.7%	14,767	14,232	3.8%	53,017	48,079	10.3%
Inventory	33,413	33,295	0.4%	31,749	33,719	-5.8%	n/a	n/a	
Unfilled Orders	60,410	59,551	1.4%	57,615	61,229	-5.9%	n/a	n/a	
Book/Bill Ratio	0.67	0.61	9.5%	0.85	0.61	n/a	n/a	n/a	
Inv/Sales Ratio	1.33	1.28	3.7%	1.38	1.55	-10.9%	n/a	n/a	
Unf/Sales Ratio	2.40	2.29	4.8%	2.51	2.82	-11.0%	n/a	n/a	
Prod/Sales Ratio	0.63	0.63	0.5%	0.64	0.66	-1.8%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	9,041	7,775	16.3%	8,670	7,254	19.5%	22,472	19,499	15.2%
Exports	6,922	6,893	0.4%	7,565	6,882	9.9%	20,387	18,778	8.6%
Balance	(2,119)	(882)	n/a	(1,105)	(372)	n/a	(2,085)	(721)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY MARCH 1993

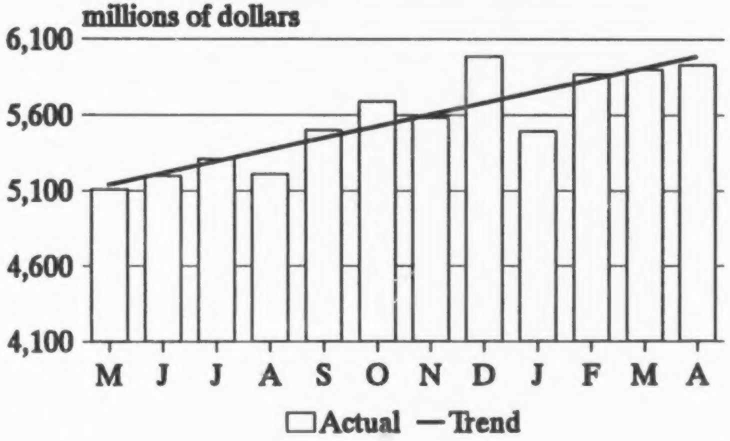
(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Mar-93	Mar-92	% ch.	Mar-93	Mar-92	% ch.	Imports	Exports	Balance
Japan	2,985	2,518	18.5%	769	765	0.5%	7,831	2,050	(5,781)
Canada	633	621	1.9%	1,338	1,208	10.8%	1,562	3,374	1,812
Singapore	868	710	22.3%	404	337	19.9%	2,090	1,095	(995)
Mexico	533	458	16.4%	562	492	14.2%	1,418	1,[illegible]3	125
Taiwan	746	644	15.8%	283	263	7.6%	1,977	803	(1,174)
S. Korea	539	448	20.3%	263	231	13.9%	1,462	703	(759)
U.K.	244	211	15.6%	606	542	11.8%	568	1,681	1,113
Germany	229	222	3.2%	468	463	1.1%	608	1,278	670
Malaysia	587	408	43.9%	237	175	35.4%	1,530	680	(850)
Hong Kong	n/a	n/a	n/a	n/a	n/a	n/a	449	615	166
Other	936	953	-1.8%	2,606	2,155	20.9%	2,979	6,564	3,585

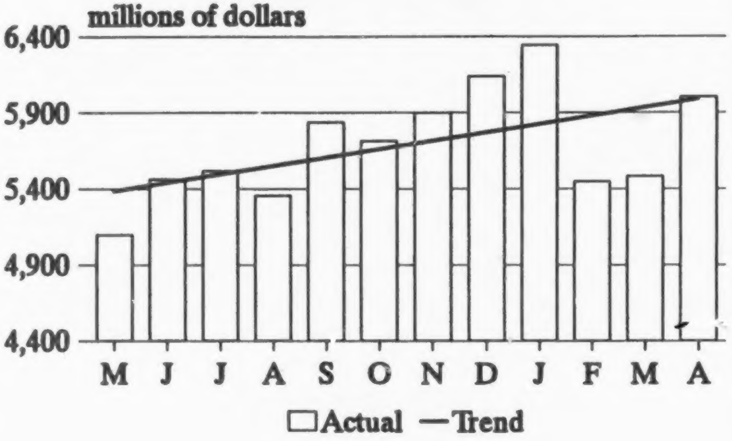
Electronics Components U.S Factory Trends April 1993

(all data seasonally adjusted)

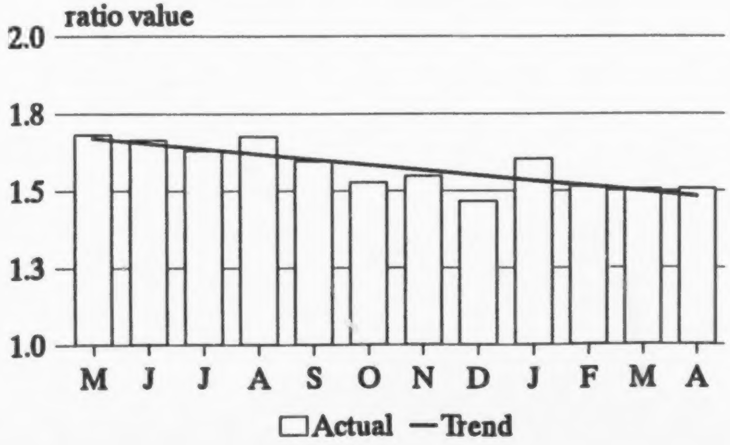
Factory Sales



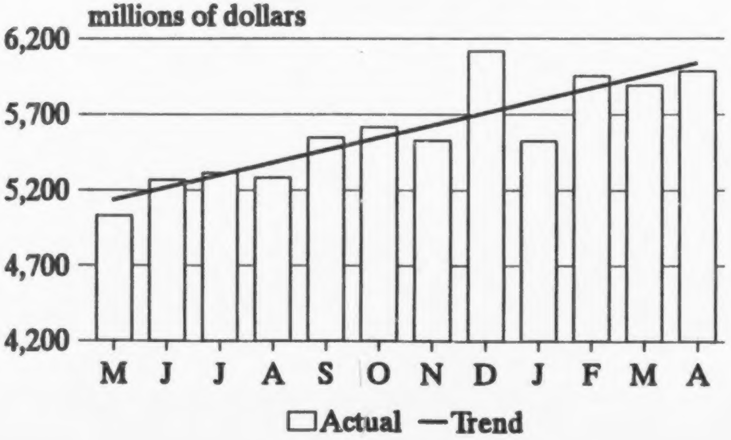
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,929**	**5,898**	**0.5%**	**5,902**	**5,155**	**14.5%**	**23,101**	**20,536**	**12.5%**
New Orders	6,000	5,481	9.5%	6,477	5,538	17.0%	24,125	21,100	14.3%
Production	5,982	5,889	1.6%	6,023	5,125	17.5%	23,408	20,555	13.9%
Inventory	8,925	8,872	0.6%	8,925	8,666	3.0%	n/a	n/a	
Unfilled Orders	15,076	15,619	-3.5%	15,619	14,039	11.3%	n/a	n/a	
Book/Bill Ratio	1.01	0.93	8.9%	1.10	1.07	2.2%	n/a	n/a	
Inv/Sales Ratio	1.51	1.50	0.1%	1.51	1.68	-10.0%	n/a	n/a	
Unf/Sales Ratio	2.54	2.65	-4.0%	2.65	2.72	-2.8%	n/a	n/a	
Prod/Sales Ratio	1.01	1.00	1.0%	1.02	0.99	2.7%	n/a	n/a	

ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 1% in April from prior month, up 13% YTD**
Orders	up	**New Orders up 10% in April, up 14% YTD**
Imports	up	**Imports up 17% from March 1992, up 14% YTD**
Exports	up	**Exports up 19% from March 1992, up 14% YTD**
Employment	down	**Total Employment, down 2% in March from prior year**
Wages	up	**Hourly Wages up 5% from March of last year**
Factory Prices	down	**Composite Producer Price Index down 1% from April 1992**

U.S. ELECTRONICS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.
Production Workers	829.6	830.8	-0.1%	827.8	855.6	-3.2%
All Employees	**1,748.3**	**1,752.0**	**-0.2%**	**1,745.2**	**1,828.7**	**-4.6%**
Hourly Wage Index	n/a	n/a		118.6	114.4	3.6%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX APRIL 1993

(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**94.0**	**94.6**	**-0.6%**	**93.3**	**0.8%**

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	down	**Factory sales down 3% in April from prior month, up 7% YTD**
Orders	up	**New orders up 6% in April, up 23% YTD**
Imports	up	**Imports up 20% from March 1992, up 15% YTD**
Exports	up	**Exports up 10% from March 1992, up 9% YTD**
Employment	down	**Total Employment, down 5% in March from prior year**
Wages	down	**Hourly Wages up 4% from March of last year**
Factory Prices	down	**Composite Producer Price Index down 1% over April 1992**

ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	53	48	10.4%	49	55	-10.7%	132	158	-16.4%
Passive	847	678	24.9%	851	755	12.7%	2,192	2,122	3.3%
Solid State	1,583	1,527	3.7%	1,690	1,396	21.1%	4,394	3,619	21.4%
Total	**2,483**	**2,253**	**10.2%**	**2,590**	**2,206**	**17.4%**	**6,718**	**5,900**	**13.9%**
EXPORTS									
Electron Tubes	60	61	-1.6%	66	59	12.8%	187	156	19.8%
Passive	539	509	5.9%	558	484	15.3%	1,512	1,479	2.2%
Solid State	1,557	1,567	-0.6%	1,648	1,364	20.8%	4,520	3,804	18.8%
Total	**2,156**	**2,137**	**0.9%**	**2,272**	**1,906**	**19.2%**	**6,219**	**5,439**	**14.4%**
BALANCE									
Electron Tubes	7	13	n/a	17	4	n/a	54	(2)	n/a
Passive	(308)	(169)	n/a	(293)	(271)	8.0%	(679)	(643)	5.7%
Solid State	(26)	40	n/a	(42)	(32)	n/a	126	185	n/a
Total	**(327)**	**(116)**	**n/a**	**(318)**	**(300)**	**6.0%**	**(499)**	**(461)**	**8.3%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	1,970	1,709	15.2%	Canada	1,111	1,236	-10.1%
Malaysia	699	473	47.9%	Singapore	595	440	35.1%
Canada	615	669	-8.1%	Malaysia	516	396	30.3%
S. Korea	571	514	11.1%	Japan	501	456	10.0%
Taiwan	569	457	24.4%	Mexico	465	559	-16.9%
Mexico	480	576	-16.7%	U.K.	404	328	23.3%
Singapore	408	428	-4.6%	Taiwan	392	354	10.6%
Philippines	255	n/a	n/a	S. Korea	333	259	28.8%
Hong Kong	179	n/a	n/a	Hong Kong	314	241	30.0%
U.K.	116	101	14.5%	Germany	208	193	7.8%
Other	857	973	-11.9%	Other	1,381	977	41.4%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY MARCH 1993

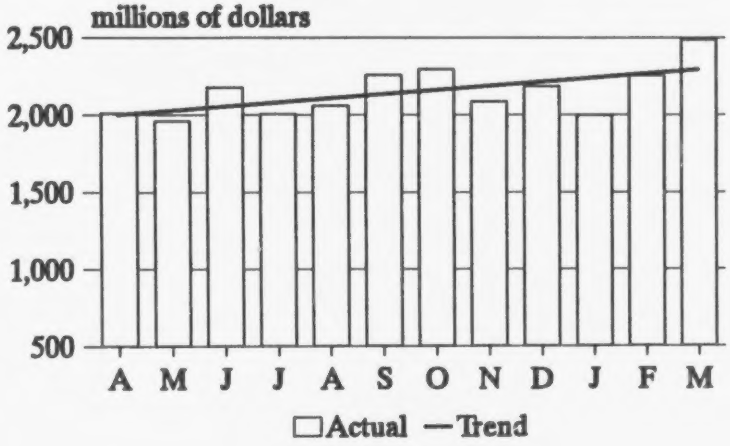
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	35,438	49,640	14,202	93,152	137,442	44,290
Receiving Tubes	110	349	239	503	977	474
Power/Special Purpose Tubes	13,328	13,593	266	38,646	46,244	7,598
Capacitors	67,044	59,939	(7,105)	170,570	162,404	(8,166)
Resistors	43,649	17,146	(26,502)	108,973	54,472	(54,500)
Relays	47,911	32,884	(15,027)	125,010	90,283	(34,727)
Connectors	57,982	39,583	(18,399)	148,039	109,685	(38,354)
Electronic Wire	92,029	107,385	15,356	242,365	308,140	65,776
Transformers	14,178	2,672	(11,507)	36,856	6,387	(30,469)
Power Supplies	97,424	19,333	(78,091)	258,025	45,147	(212,878)
Printed Circuits and Boards	127,092	114,955	(12,137)	301,962	281,475	(20,487)
Parts of TV/Audio Apparatus	201,415	125,010	(76,405)	531,450	351,511	(179,939)
Indicator Panels	36,731	5,476	(31,255)	97,708	14,225	(83,483)
Switches	15,646	2,118	(13,528)	41,130	5,874	(35,256)
Piezoelectric Crystals	20,275	4,593	(15,682)	51,870	12,473	(39,397)
Other Parts	30,054	21,894	(8,160)	78,557	55,583	(22,974)
EPROMs	57,221	24,476	(32,745)	156,655	71,769	(84,886)
Microprocessors	158,847	156,634	(2,213)	392,323	482,379	90,056
DRAMs	325,374	136,329	(189,045)	823,287	328,237	(495,050)
SRAMs	70,896	22,588	(48,308)	202,473	72,200	(130,273)
Analog ICs	147,301	70,217	(77,084)	370,870	216,336	(154,534)
Other ICs	552,336	366,953	(185,384)	1,443,845	980,144	(463,701)
Diodes	38,904	17,172	(21,732)	102,640	47,609	(55,031)
Transistors	35,885	5,721	(30,164)	95,286	16,803	(78,483)
Chips, Wafers & Parts	263,949	824,047	560,098	705,553	2,234,700	1,529,147
Other Semiconductors	36,190	17,959	(18,231)	95,268	52,703	(42,565)
Solar Cells	3,304	5,523	2,219	6,771	16,849	10,078
Total	2,590,510	2,264,189	(326,320)	6,719,790	6,202,053	(517,736)

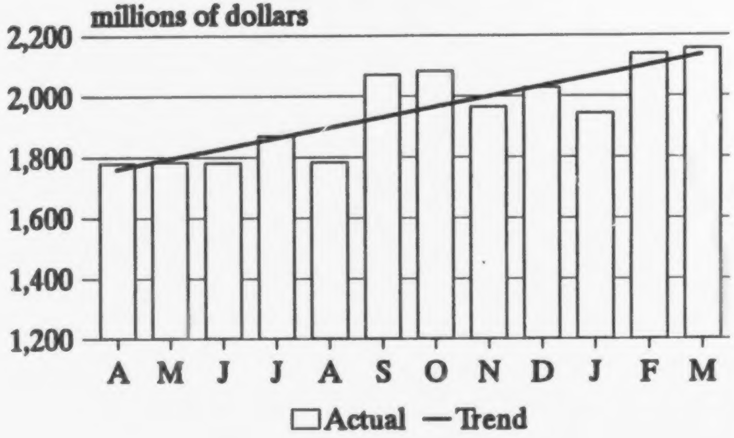
Electronic Components Trade Trends March 1993

(all data seasonally adjusted)

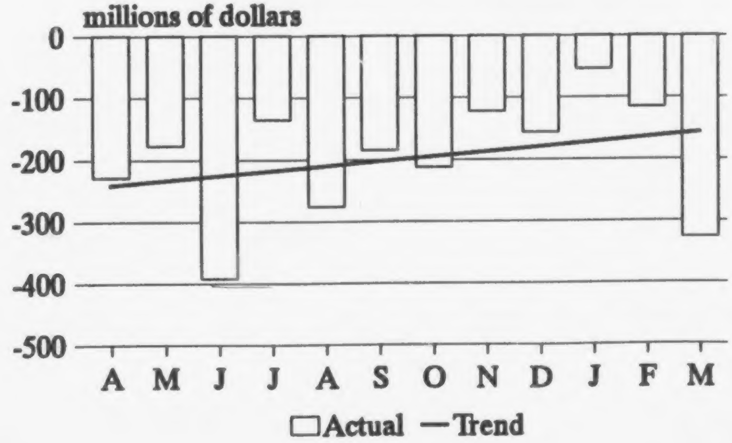
Imports



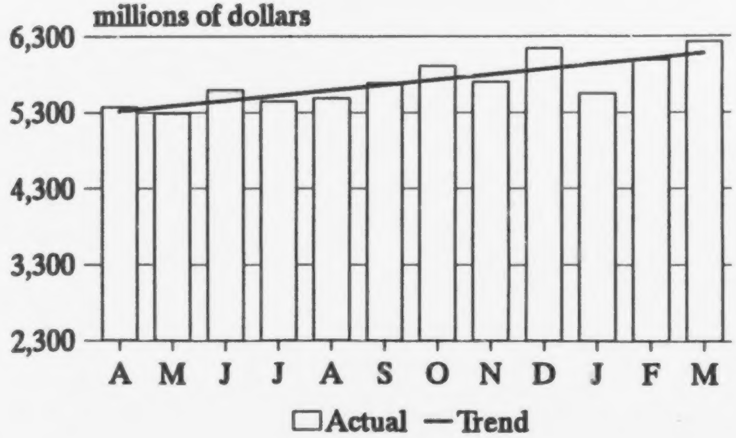
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

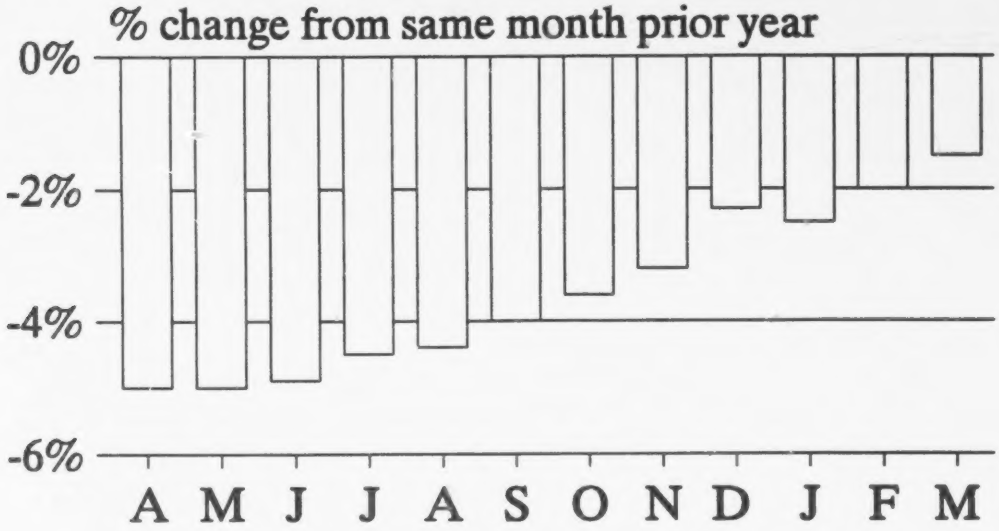
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	**344.3**	**345.8**	**-0.4%**	**343.7**	**0.2%**
Electron Tubes	16.0	18.0	-11.1%	16.3	-1.8%
Semiconductors	92.8	90.9	2.1%	92.3	0.5%
Other	235.5	236.9	-0.6%	235.1	0.2%
All Employees	**589.1**	**598.0**	**-1.5%**	**588.4**	**0.1%**
Electron Tubes	24.1	26.9	-10.4%	24.3	-0.8%
Semiconductors	220.5	223.5	-1.3%	220.4	0.0%
Other	344.5	347.6	-0.9%	343.7	0.2%
Hourly Wage Index	121.6	115.9	4.9%	121.5	0.1%
Annual Sales/Employee	111,424	99,951	11.5%	109,962	1.3%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX APRIL 1993

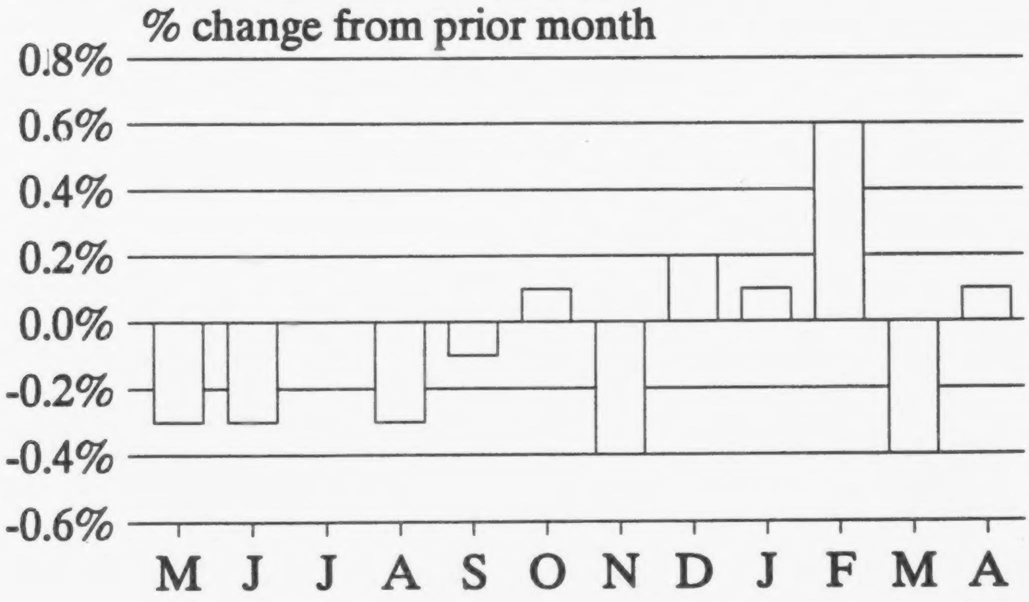
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**99.2**	**99.9**	**-0.8%**	**99.1**	**0.1%**
CRTs	98.1	98.2	-0.1%	96.7	1.4%
Capacitors	97.9	100.1	-2.2%	98.4	-0.5%
Resistors	98.7	99.5	-0.8%	99.2	-0.5%
Relays	111.4	110.1	1.2%	112.1	-0.6%
Switches	103.0	101.1	1.9%	107.0	-3.7%
Connectors	107.5	106.6	0.9%	108.7	-1.0%
Filters	105.6	105.2	0.4%	109.7	-3.7%
Antennae	89.7	89.9	-0.3%	90.2	-0.5%
Diodes	99.3	99.7	-0.4%	99.8	-0.5%
Transistors	101.6	97.3	4.4%	99.2	2.5%
Semiconductors	94.0	96.2	-2.2%	93.1	1.0%
Printed Circuits	99.0	99.7	-0.7%	98.3	0.7%
Electronic Wire	99.8	99.8	0.0%	100.4	-0.6%

Electronic Components All Employees March 1993



Electronic Components Composite Price Index April 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**812**	**828**	**-2.0%**	**656**	**678**	**-3.2%**	**2,853**	**2,816**	**1.3%**
Inventory	1,161	1,163	-0.1%	1,302	1,457	-10.6%	n/a	n/a	
Inv/Sales Ratio	1.43	1.40	1.9%	1.98	2.15	-7.6%	n/a	n/a	

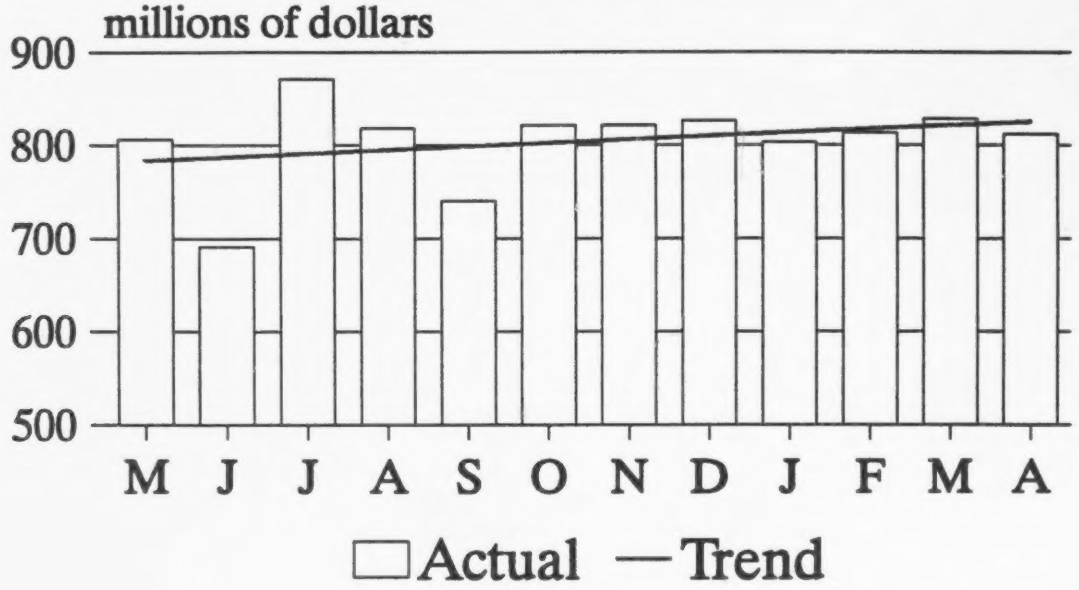
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS APRIL 1993

(not seasonally adjusted millions of dollars)

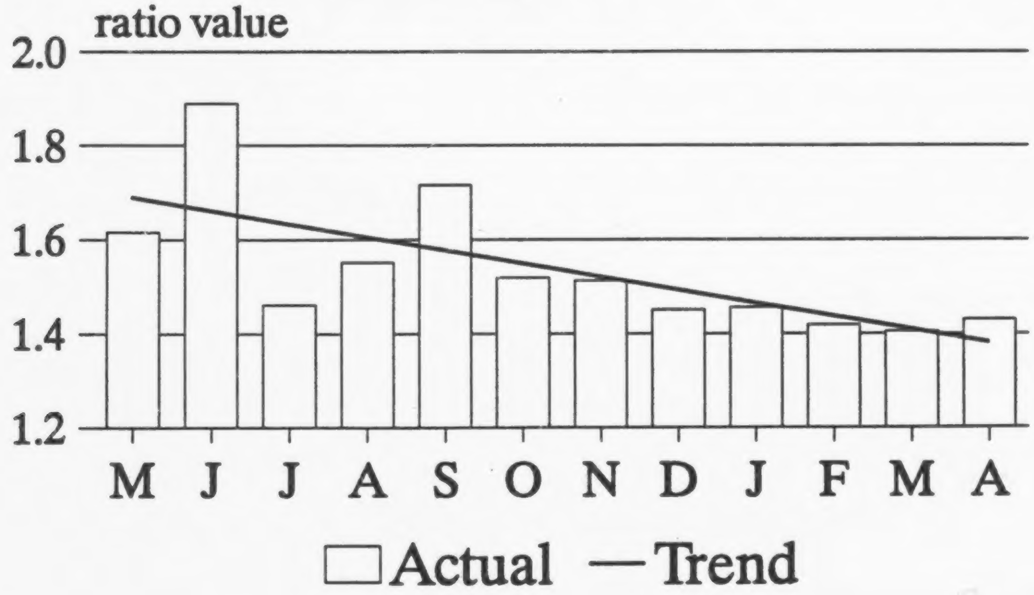
	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**871**	**808**	**7.7%**	**3,716**	**3,351**	**10.9%**
Color TVs	417	387	7.7%	1,912	1,711	11.7%
Projection TV	40	32	24.9%	208	177	17.1%
TV/VCR	39	25	n/a	142	98	n/a
VCR Decks	183	196	-6.4%	791	802	-1.4%
Camcorders	160	138	15.6%	508	416	21.9%
Other	32	29	8.2%	156	145	8.2%
Audio Products	**780**	**716**	**8.9%**	**2,986**	**2,860**	**4.4%**
Portable	170	157	8.4%	661	640	3.3%
Home Components	111	105	5.0%	455	467	-2.5%
Autosound	409	385	6.1%	1,484	1,400	6.0%
Audio Systems	91	69	n/a	386	353	9.4%
Home Information Equipment	906	859	5.5%	3,630	3,468	4.7%
Blank Media and Accessories	326	312	4.4%	1,328	1,276	4.1%
Total	**2,883**	**2,695**	**7.0%**	**11,660**	**10,954**	**6.4%**

Domestically Produced Consumer Electronics U.S. Factory Trends April 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,827	1,449	26.1%	1,272	1,182	7.6%	3,324	3,362	-1.1%
Exports	286	300	-4.7%	282	268	5.1%	774	734	5.4%
Balance	(1,541)	(1,149)	n/a	(990)	(914)	8.4%	(2,550)	(2,628)	-2.9%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

	Year-to-Date						
	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	1,527	1,574	-3.0%	Canada	196	188	4.3%
Mexico	401	340	18.0%	Mexico	128	117	9.9%
Malaysia	396	315	25.6%	Japan	58	77	-24.7%
S. Korea	339	360	-5.9%	Taiwan	37	34	7.6%
China	182	211	-13.7%	U.K.	32	26	24.4%
Singapore	115	159	-27.8%	Germany	31	27	14.9%
Taiwan	98	156	-37.2%	Netherlands	23	32	-26.2%
Thailand	85	97	-13.0%	Hong Kong	21	18	16.6%
Indonesia	45	23	n/a	S. Korea	19	n/a	n/a
Brazil	32	n/a	n/a	Venezuela	18	16	11.8%
Other	104	125	-17.1%	Other	211	200	5.6%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY MARCH 1993

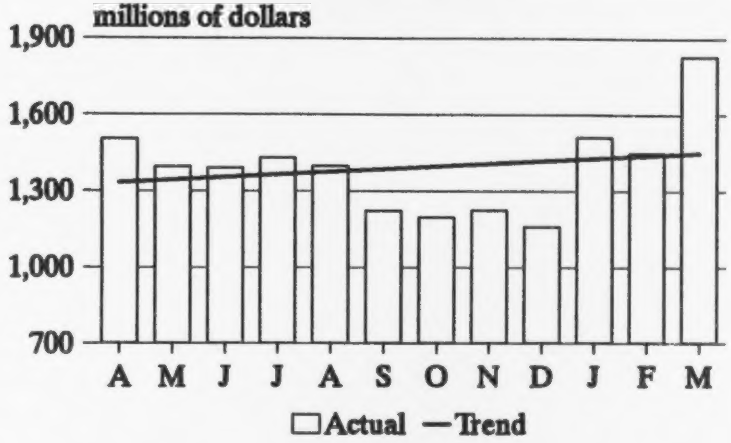
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	192,059	47,481	(144,578)	516,797	122,869	(393,928)
Monochrome TV Receivers	6,818	4,082	(2,737)	19,411	14,167	(5,244)
VCR Decks	207,093	15,999	(191,094)	531,745	40,177	(491,568)
Camcorders	98,714	0	(98,714)	260,772	0	(260,772)
Videocassette Players	6,823	0	(6,823)	24,458	0	(24,458)
Laserdisc Players	11,534	7,428	(4,106)	28,820	17,550	(11,269)
Portable Audio Equipment	60,157	9,040	(51,117)	156,575	22,284	(134,291)
Separate Audio Components	223,897	107,744	(116,153)	553,645	299,138	(254,507)
Home Radios	13,268	596	(12,672)	35,311	1,608	(33,703)
Home Radio/Tape Combinations	87,419	3,528	(83,891)	245,792	8,336	(237,456)
Autosound Equipment	141,561	32,677	(108,885)	358,366	86,834	(271,531)
Blank Media	72,832	31,361	(41,471)	189,020	100,735	(88,285)
Video Games	150,205	22,366	(127,840)	404,155	60,175	(343,980)
Total	1,272,382	282,301	(990,081)	3,324,867	773,874	(2,550,993)

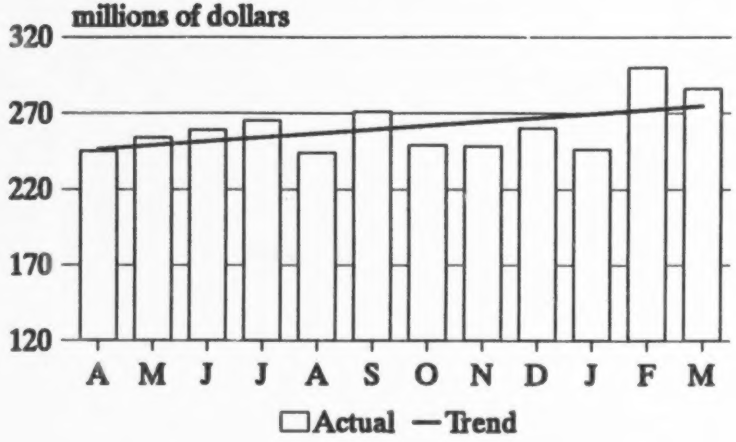
Consumer Electronics Trade Trends March 1993

(all data seasonally adjusted)

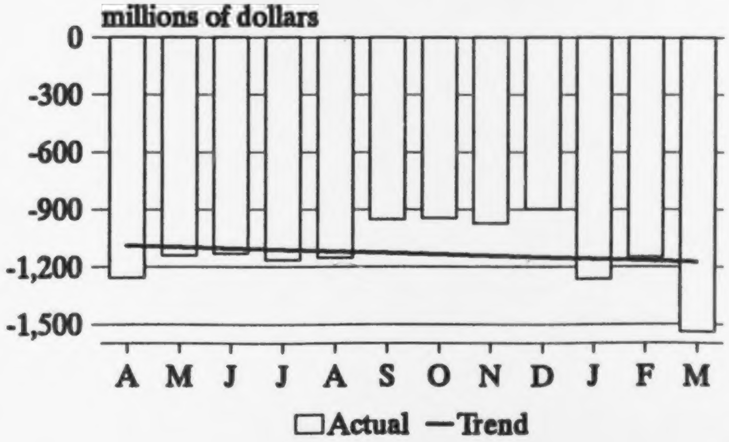
Imports



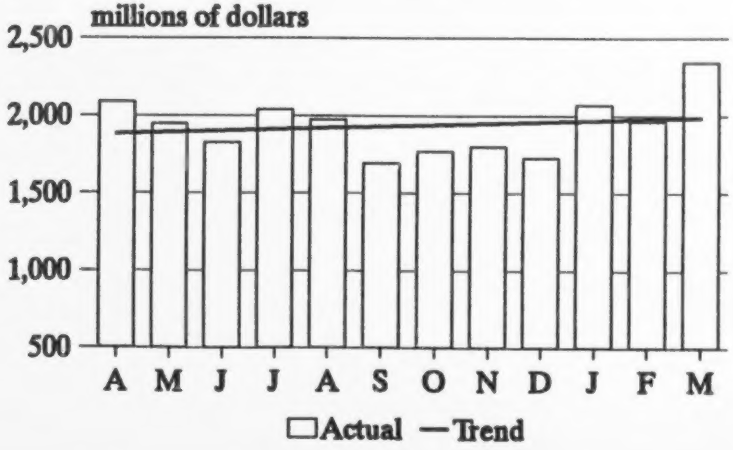
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

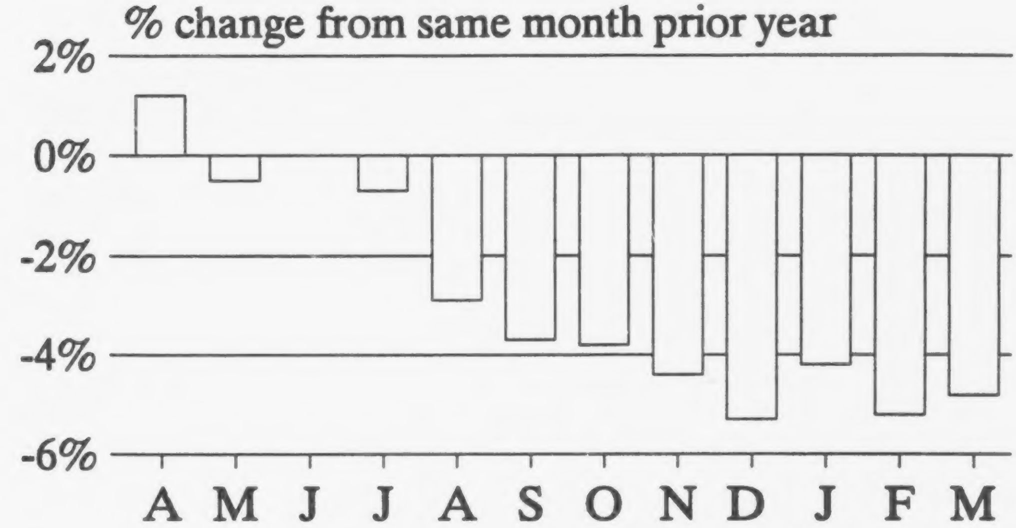
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	36.0	38.9	-7.5%	36.2	7.5%
All Employees	57.6	60.5	-4.8%	57.8	4.7%
Hourly Wage Index	115.7	117.9	-1.9%	116.2	1.4%
Annual Sales/Employee	161,076	138,991	15.9%	160,517	-13.4%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX APRIL 1993

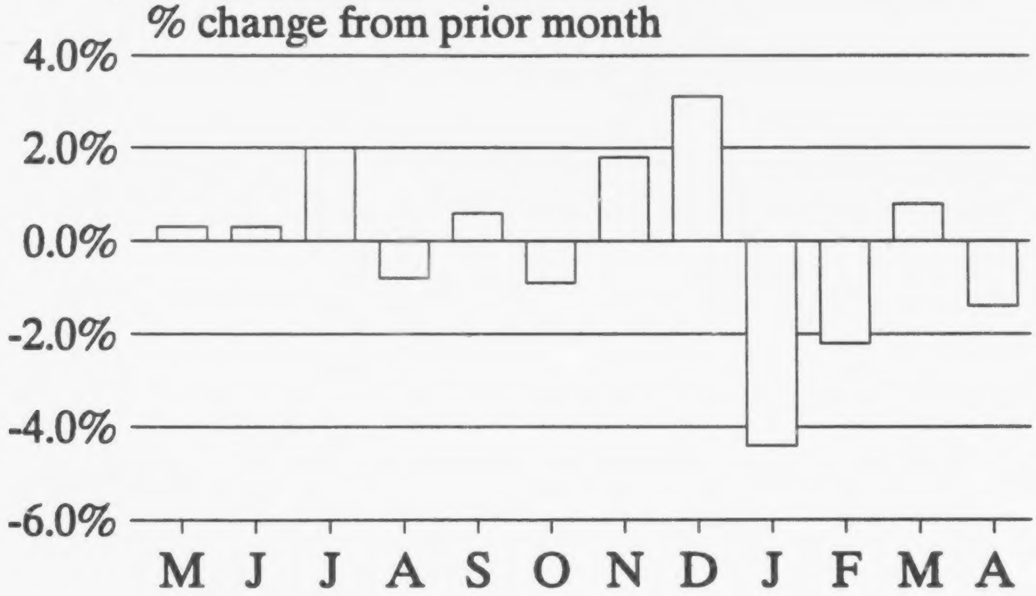
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**95.7**	**96.9**	**-1.2%**	**97.1**	**-1.4%**
Home Audio	78.8	82.9	-4.9%	80.7	-2.4%
Portable Audio	121.0	116.0	4.3%	121.5	-0.4%
Autosound	87.7	84.0	4.4%	85.9	2.1%
Audio Systems	112.4	86.7	29.6%	109.9	2.3%
Color TV	102.0	104.0	-1.9%	112.0	-9.0%
Projection TV	102.0	94.5	7.9%	101.7	0.3%
VCR Decks	103.0	105.2	-2.1%	99.1	3.9%
Camcorders	85.0	86.4	-1.6%	85.3	-0.4%

Consumer Electronics All Employees March 1993



Consumer Electronics Composite Price Index April 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,195**	**3,245**	**-1.5%**	**2,983**	**2,636**	**13.2%**	**11,979**	**10,900**	**9.9%**
New Orders	3,322	2,987	11.2%	3,102	2,447	26.8%	11,608	10,774	7.7%
Production	3,333	3,320	0.4%	3,282	2,768	18.5%	12,747	11,010	15.8%
Inventory	7,578	7,440	1.9%	7,684	6,724	14.3%	n/a	n/a	
Unfilled Orders	11,055	10,928	1.2%	11,052	11,139	-0.8%	n/a	n/a	
Book/Bill Ratio	1.04	0.92	13.0%	1.04	0.93	12.0%	n/a	n/a	
Inv/Sales Ratio	2.37	2.29	3.5%	2.58	2.55	1.0%	n/a	n/a	
Unf/Sales Ratio	3.46	3.37	2.8%	3.71	4.23	-12.3%	n/a	n/a	
Prod/Sales Ratio	1.04	1.02	1.9%	1.10	1.05	4.8%	n/a	n/a	

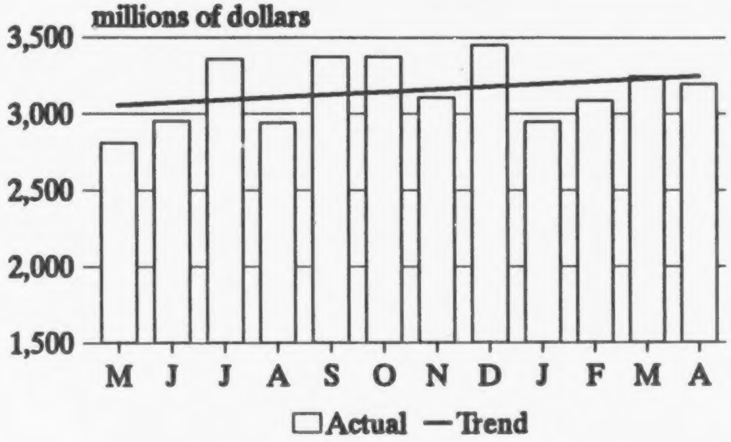
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	down	**Factory Sales up 2% in April from prior month, up 10% YTD**
Orders	up	**New Orders up 11% in April, up 8% YTD**
Imports	up	**Imports up 17% from March 1992, up 11% YTD**
Exports	up	**Exports up 9% from March 1992, up 17% YTD**
Employment	down	**Total Employment, down 3% in March from prior year**
Wages	up	**Hourly Wages up 0.1% from March of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from April 1992**

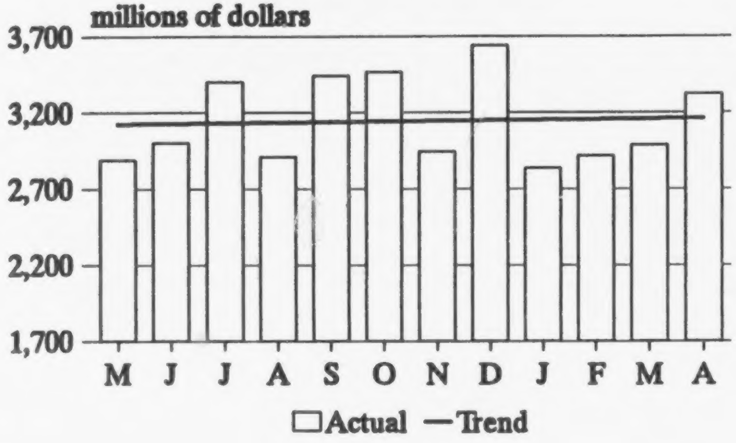
Telecommunications U.S Factory Trends April 1993

(all data seasonally adjusted)

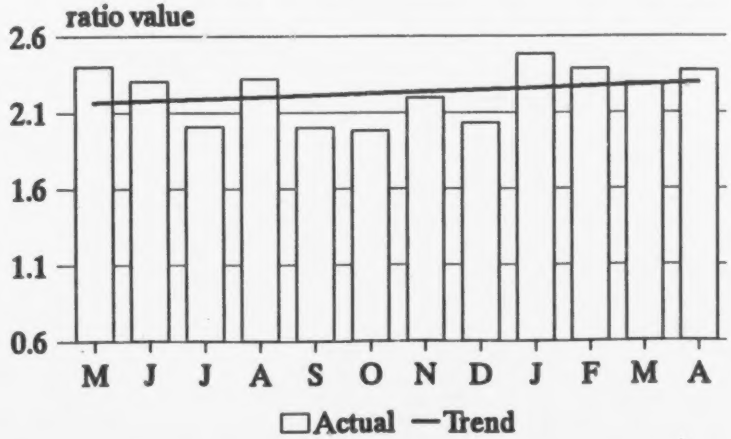
Factory Sales



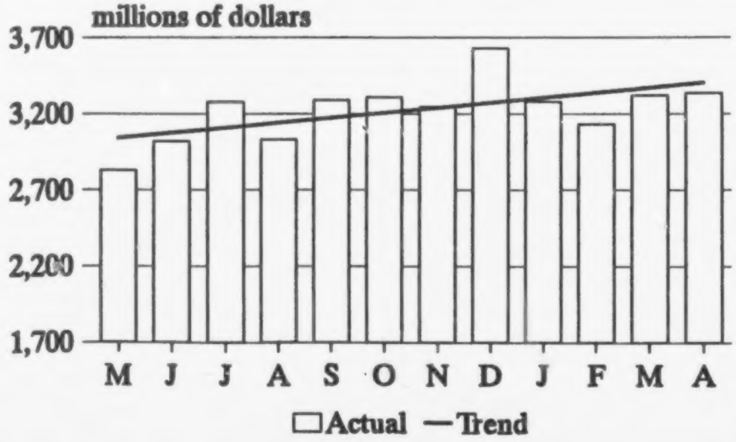
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	821	682	20.4%	818	699	17.0%	2,101	1,902	10.5%
Exports	716	761	-5.9%	775	712	8.9%	2,251	1,930	16.7%
Balance	-105	79	n/a	-43	13	n/a	150	27	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	705	732	-3.6%	Canada	389	300	29.5%
Canada	276	216	28.1%	Mexico	277	262	5.6%
Malaysia	151	154	-1.8%	Japan	223	137	n/a
China	147	111	31.8%	U.K.	151	122	23.6%
Taiwan	119	134	-11.7%	China	95	n/a	n/a
Mexico	110	91	20.9%	Taiwan	90	70	28.6%
S. Korea	77	84	-7.9%	Germany	72	83	-13.5%
Thailand	74	78	-5.0%	France	62	n/a	n/a
Israel	73	n/a	n/a	S. Korea	56	65	-14.0%
Philippines	65	50	29.4%	Hong Kong	55	54	0.8%
Other	304	253	20.3%	Other	783	837	-6.5%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY MARCH 1993

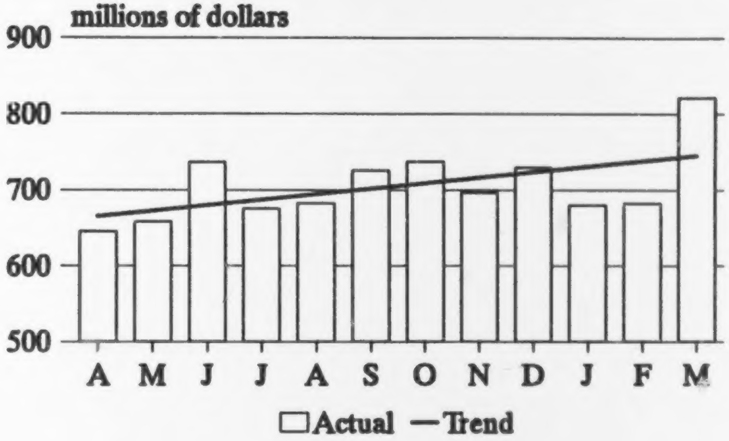
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	92,522	20,300	(72,222)	254,765	56,067	(198,697)
Telephonic Apparatus and Parts	170,727	201,702	30,976	382,065	563,126	181,061
Telegraphic Apparatus and Parts	29,456	72,390	42,934	85,845	210,385	124,540
Radio Transmitters	7,725	30,109	22,385	19,824	78,590	58,766
Radio Receivers	20,004	25,127	5,123	55,929	66,634	10,705
Radio Transceivers	63,189	90,083	26,895	157,689	262,040	104,351
Telephone Answering Devices	21,276	17,014	(4,262)	67,593	36,734	(30,859)
TV Transmission/Reception App.	166,689	157,715	(8,973)	414,460	522,001	107,542
Cellular Telephones	49,437	57,261	7,824	109,209	175,181	65,971
Facsimile Machines	96,570	0	(96,570)	265,585	0	(265,585)
Cordless Telephones	61,341	15,042	(46,299)	194,032	39,578	(154,454)
Modems	17,047	43,036	25,990	38,724	112,355	73,631
Paging Alert Devices	7,723	32	(7,691)	19,557	84	(19,472)
Fiber Optic Cable	3,100	13,666	10,566	19,708	39,910	20,202
Other Cable and Parts	10,733	31,694	20,961	15,591	89,348	73,757
Total	817,537	775,172	(42,366)	2,100,576	2,252,033	151,457

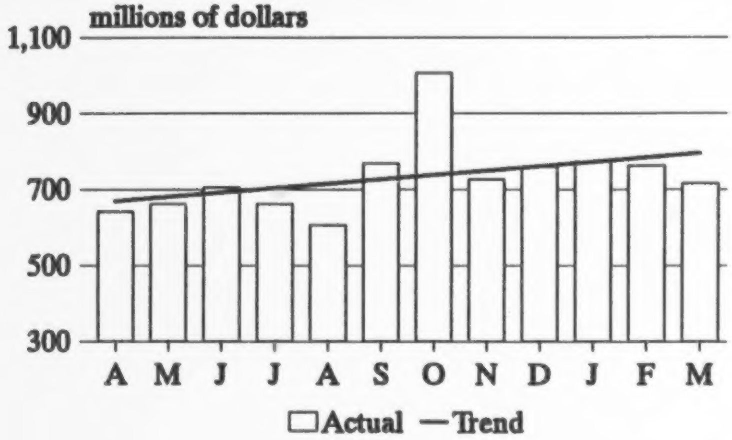
Telecommunications Trade Trends March 1993

(all data seasonally adjusted)

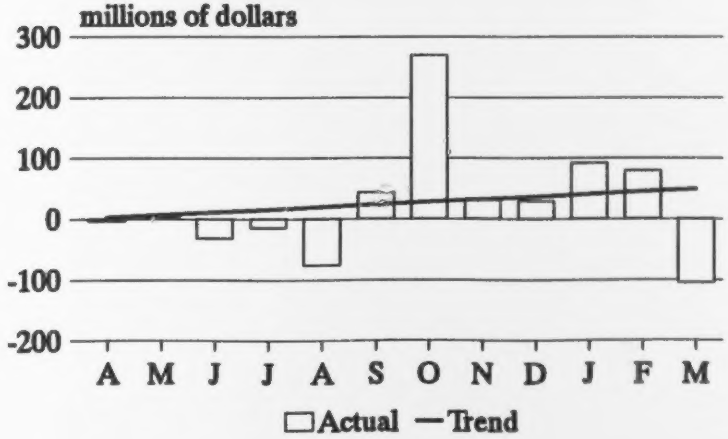
Imports



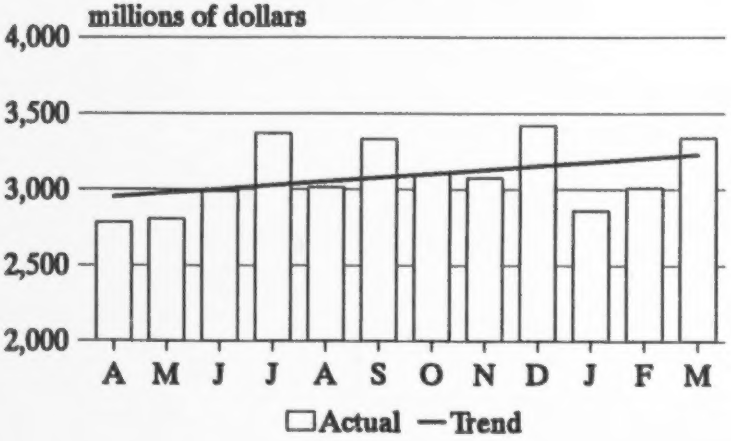
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

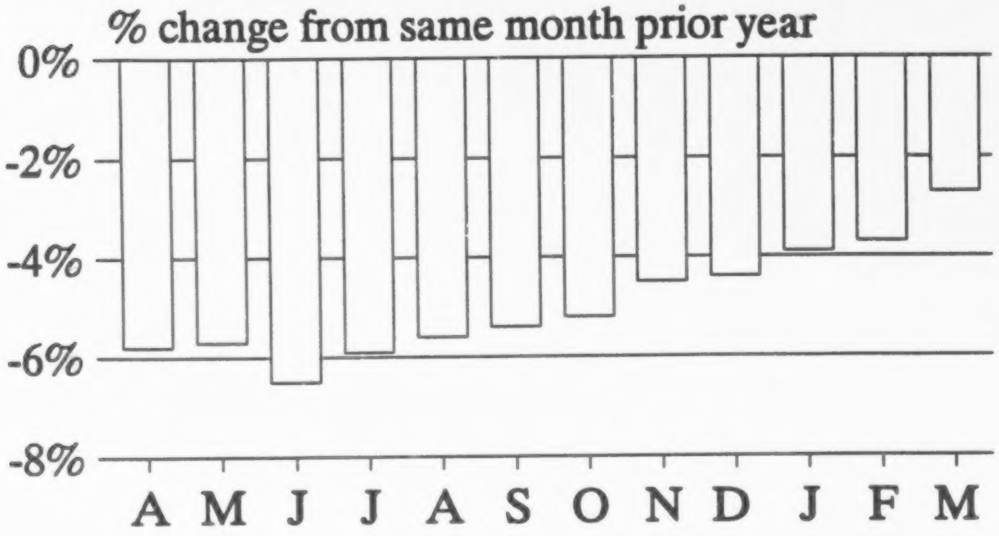
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	**120.9**	**121.9**	**-0.8%**	**121.4**	**-0.4%**
Telephone Equipment	62.5	61.6	1.5%	63.1	-1.0%
Other	58.4	60.3	-3.2%	58.3	0.2%
All Employees	**234.2**	**240.7**	**-2.7%**	**235.4**	**-0.5%**
Telephone Equipment	111.0	113.0	-1.8%	111.8	-0.7%
Other	123.2	127.7	-3.5%	123.6	-0.3%
Hourly Wage Index	108.2	108.2	0.1%	108.7	-0.4%
Annual Sales/Employee	120,299	101,837	18.1%	119,073	1.0%

TELECOMMUNICATIONS PRODUCER PRICE INDEX APRIL 1993

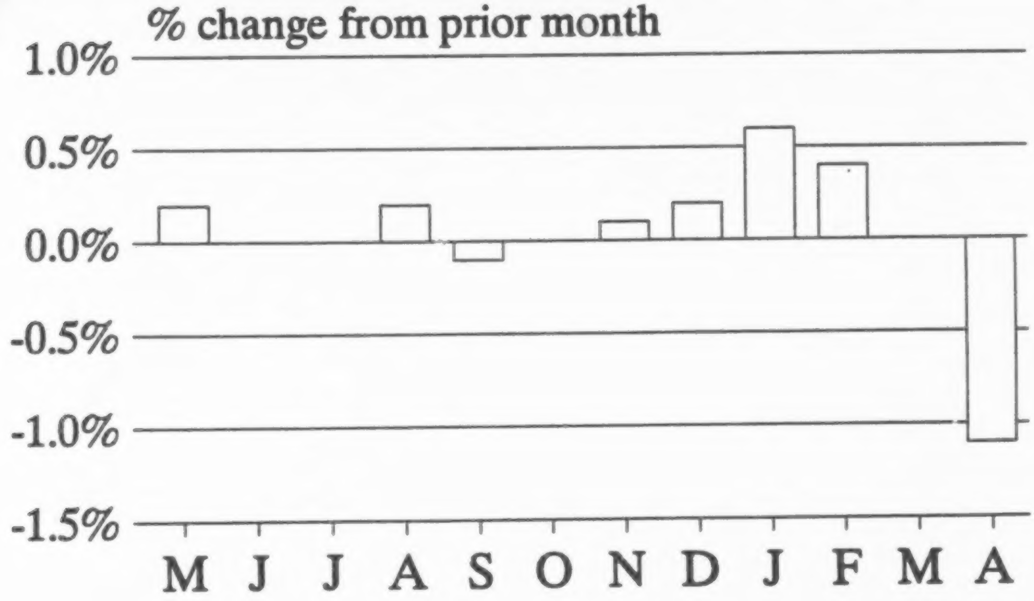
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**103.6**	**103.1**	**0.5%**	**104.8**	**-1.1%**
Line Transmission	98.6	98.3	0.3%	99.3	-0.7%
Switching Equipment	103.9	104.3	-0.4%	104.6	-0.8%
Telephone Sets	94.0	94.1	-0.1%	90.4	4.0%
Other Telephone	103.3	102.2	1.0%	107.7	-4.1%
Broadcast Equipment	103.6	102.1	1.4%	103.9	-0.4%
Mobile Communications	105.5	105.1	0.4%	106.6	-1.1%
Intercom Systems	101.1	101.2	-0.1%	102.5	-1.4%
Fiber Optic Cable	104.7	103.9	0.8%	103.3	1.4%

Telecommunications
All Employees March 1993



Telecommunications
Composite Price Index April 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,469**	**2,562**	**-3.6%**	**2,227**	**2,458**	**-9.4%**	**9,533**	**10,083**	**-5.5%**
New Orders	3,265	2,433	n/a	2,668	1,251	n/a	9,892	9,113	8.5%
Production	2,413	2,373	1.7%	2,283	2,428	-6.0%	9,336	9,862	-5.3%
Inventory	6,098	6,153	-0.9%	6,151	7,458	-17.5%	n/a	n/a	
Unfilled Orders	35,392	34,596	2.3%	35,270	36,519	-3.4%	n/a	n/a	
Book/Bill Ratio	1.32	0.95	n/a	1.20	0.51	n/a	n/a	n/a	
Inv/Sales Ratio	2.47	2.40	2.8%	2.76	3.03	-9.0%	n/a	n/a	
Unf/Sales Ratio	14.33	13.50	6.2%	15.84	14.86	6.6%	n/a	n/a	
Prod/Sales Ratio	0.98	0.93	5.5%	1.03	0.99	3.8%	n/a	n/a	

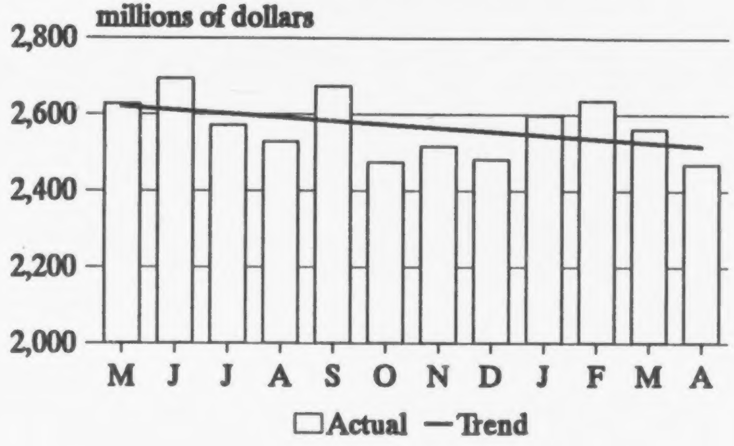
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 4% in April from prior month, down 6% YTD**
Orders	up	**New Orders up sharply in April, up 9% YTD**
Imports	up	**Imports up 5% from March 1992, down 4% YTD**
Exports	down	**Exports down 2% from March 1992, down 3% YTD**
Employment	down	**Total Employment, down 11% in March from prior year**
Wages	up	**Hourly Wages up 4% from March of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from April 1992**

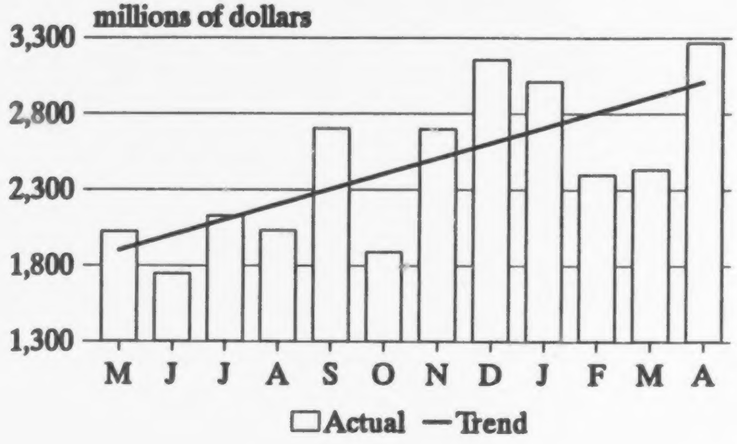
Defense Communications U.S Factory Trends April 1993

(all data seasonally adjusted)

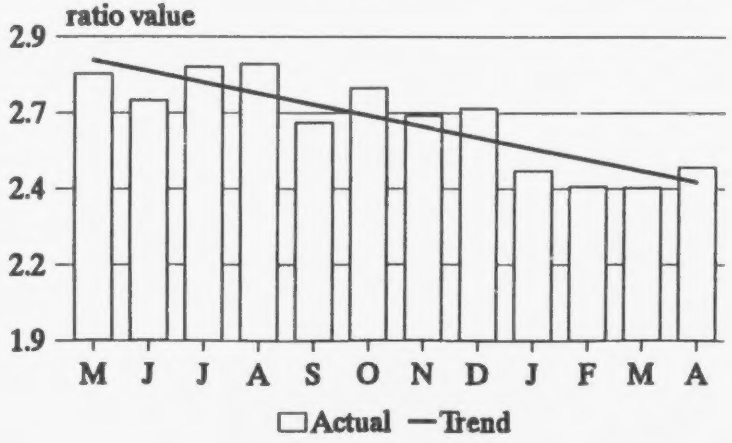
Factory Sales



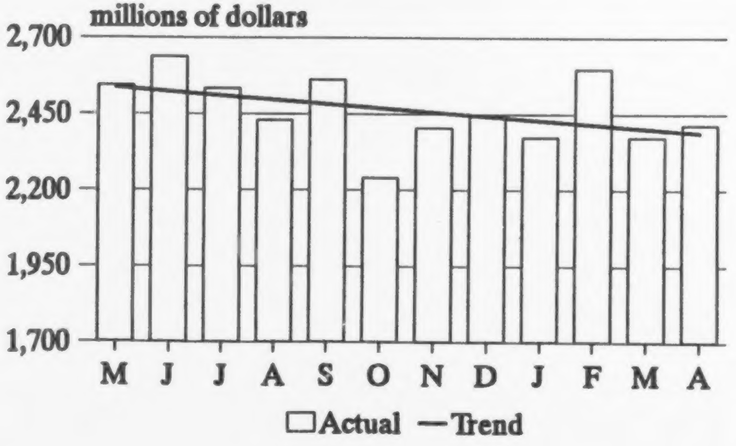
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	95	80	18.8%	98	93	5.0%	256	266	-4.0%
Exports	198	222	-10.8%	206	211	-2.1%	595	616	-3.4%
Balance	103	142	-27.5%	108	117	-7.8%	339	350	-3.0%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Canada	49	41	20.2%	Canada	63	70	-10.4%
Japan	31	42	-25.5%	Japan	61	67	-9.7%
Taiwan	28	21	32.6%	U.K.	55	50	9.7%
Mexico	23	21	13.0%	Taiwan	45	23	n/a
U.K.	23	38	-40.8%	France	40	54	-24.9%
China	21	8	n/a	Netherlands	33	40	-17.0%
France	19	22	-14.7%	Egypt	32	n/a	n/a
Israel	13	11	20.0%	Germany	28	18	n/a
S. Korea	11	12	-8.5%	S. Korea	26	29	-9.4%
Germany	8	17	n/a	Turkey	22	n/a	n/a
Other	30	34	-12.0%	Other	189	264	-28.4%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY MARCH 1993

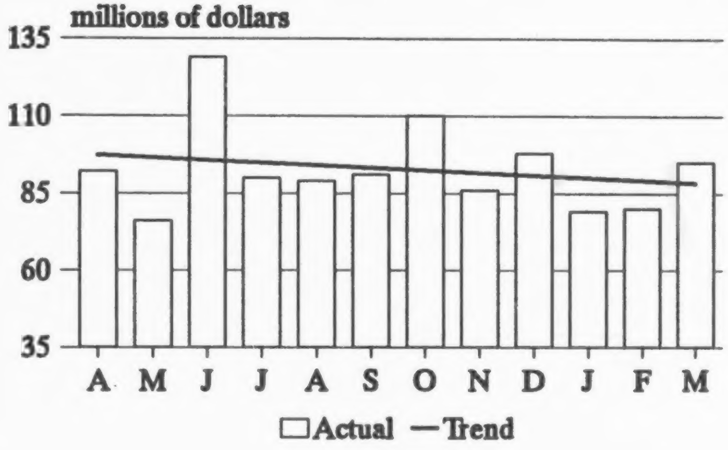
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	30,684	19,197	(11,487)	78,958	51,155	(27,803)
Sound/Sight Signaling App	1,391	4,636	3,245	3,563	12,219	8,656
Radar/Radio Navigational Equip	65,478	179,935	114,457	171,879	526,190	354,311
Meteorological/Geophysical App	624	1,881	1,256	1,575	4,893	3,319
Total	**98,178**	**205,649**	**107,471**	**255,975**	**594,458**	**338,483**

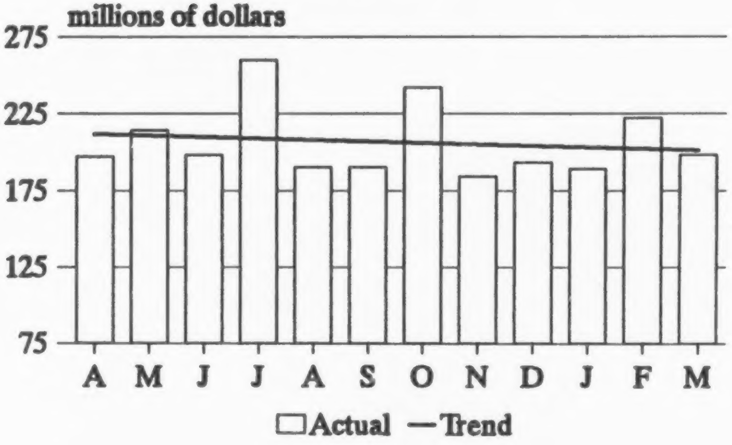
Defense Communications Trade Trends March 1993

(all data seasonally adjusted)

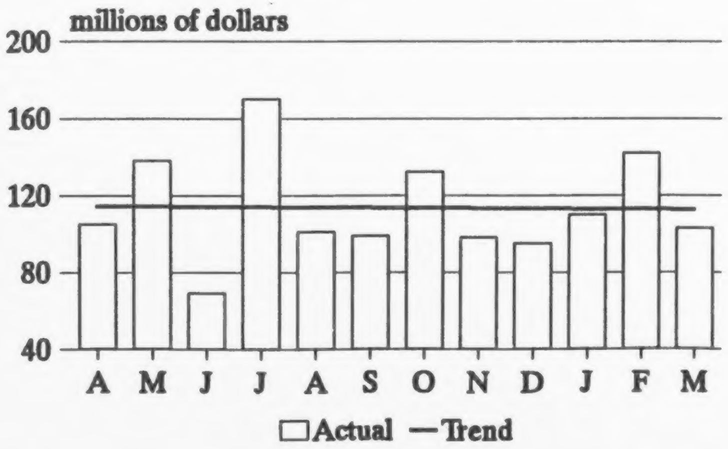
Imports



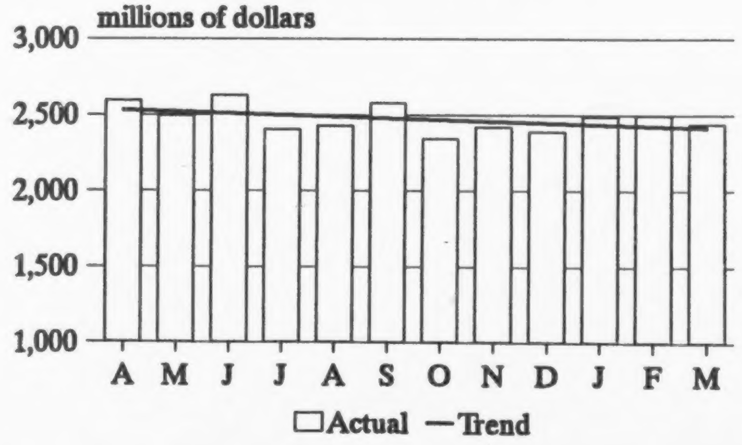
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

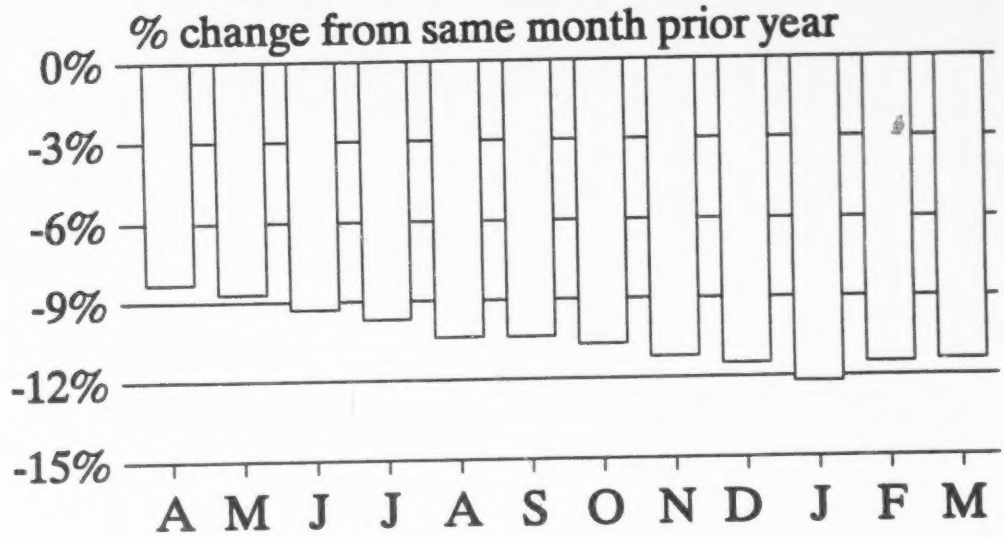
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	69.8	78.1	-10.6%	69.8	0.0%
All Employees	219.4	247.6	-11.4%	220.4	-0.5%
Hourly Wage Index	122.4	118.1	3.7%	121.8	0.6%
Annual Sales/Employee	134,217	131,040	2.4%	133,555	0.5%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX APRIL 1993

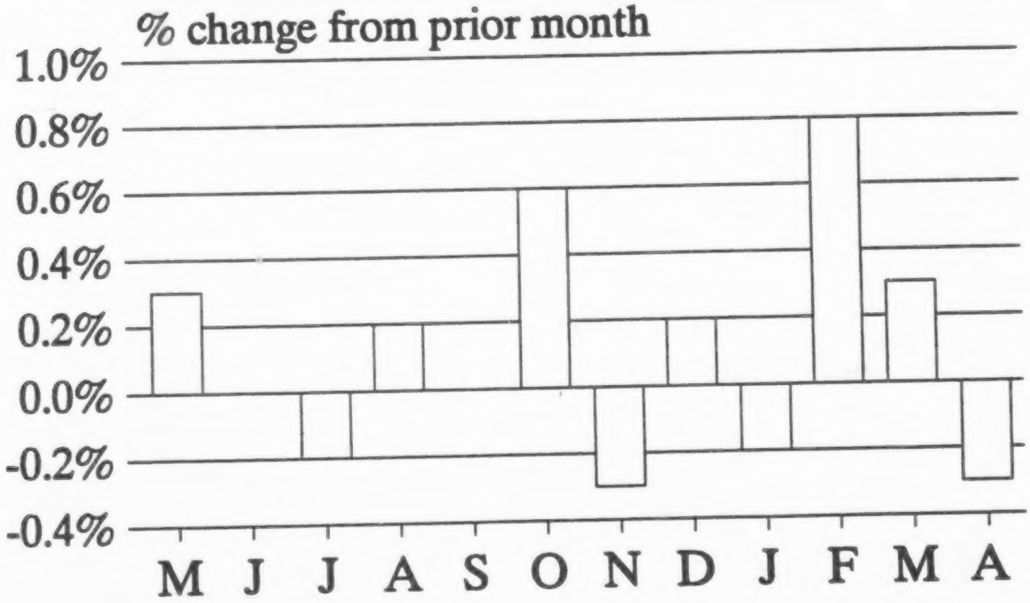
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**99.8**	**98.5**	**1.4%**	**100.1**	**-0.3%**
Navigation Systems	101.6	101.1	0.5%	103.1	-1.5%
Radar Equipment	103.5	100.7	2.8%	103.4	0.1%
Defense Electronics	95.5	95.3	0.2%	95.8	-0.3%

Defense Communications
All Employees March 1993



Defense Communications
Composite Price Index April 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,050**	**5,708**	**-11.5%**	**4,087**	**3,728**	**9.6%**	**19,419**	**16,415**	**18.3%**
New Orders	5,257	5,658	-7.1%	6,753	3,770	n/a	22,948	16,666	n/a
Production	5,129	5,646	-9.2%	4,416	3,890	13.5%	19,912	16,941	17.5%
Inventory	7,941	7,862	1.0%	7,941	7,957	-0.2%	n/a	n/a	
Unfilled Orders	6,452	6,523	-1.1%	6,310	7,081	-10.9%	n/a	n/a	
Book/Bill Ratio	1.04	0.99	5.0%	1.65	1.01	n/a	n/a	n/a	
Inv/Sales Ratio	1.57	1.38	14.2%	1.94	2.13	-9.0%	n/a	n/a	
Unf/Sales Ratio	1.28	1.14	11.8%	1.54	1.90	-18.7%	n/a	n/a	
Prod/Sales Ratio	1.02	0.99	2.7%	1.08	1.04	3.6%	n/a	n/a	

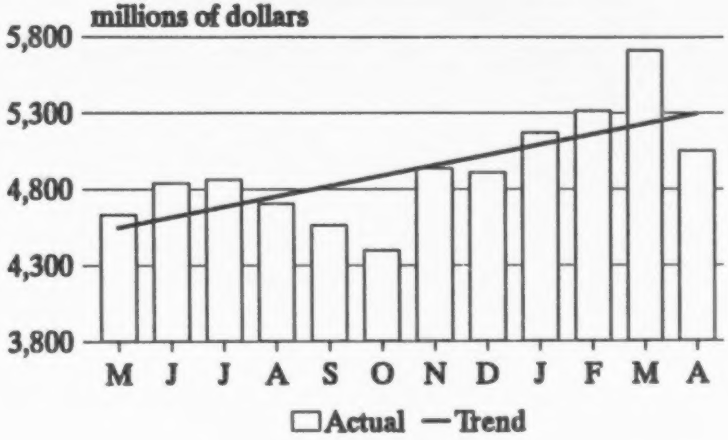
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	down	**Factory Sales down 12% in April from prior month, up 18% YTD**
Orders	down	**New Orders down 7% in April, up sharply YTD**
Imports	up	**Imports up sharply from March 1992, up 27% YTD**
Exports	up	**Exports up 5% from March 1992, up 4% YTD**
Employment	down	**Total Employment, down 7% in March from prior year**
Wages	up	**Hourly Wages up 2% from March of last year**
Factory Prices	down	**Composite Producer Price Index down 4% from April 1992**

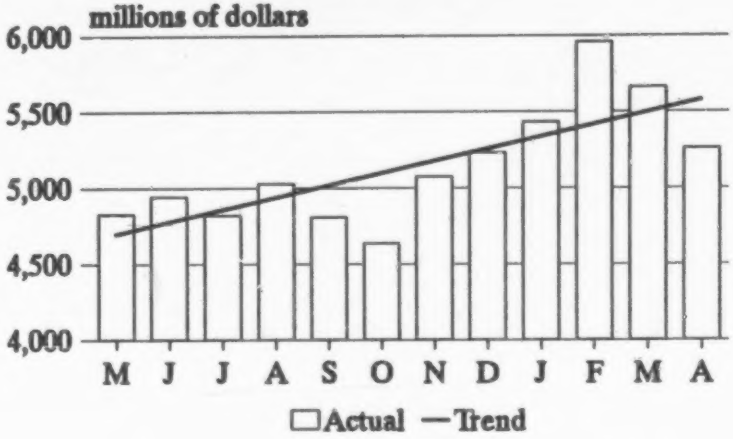
Computers & Peripherals U.S Factory Trends April 1993

(all data seasonally adjusted)

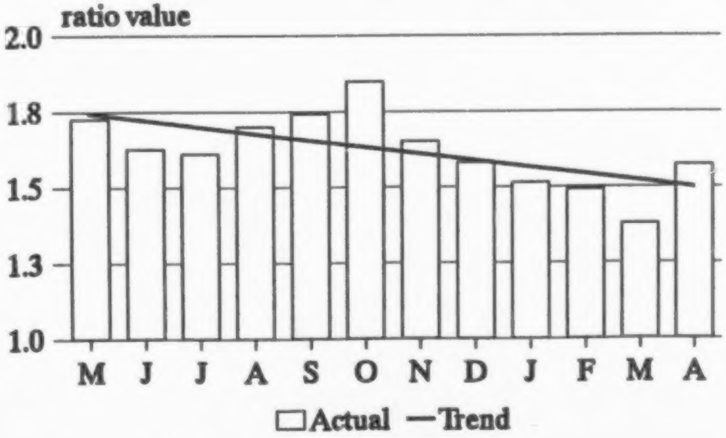
Factory Sales



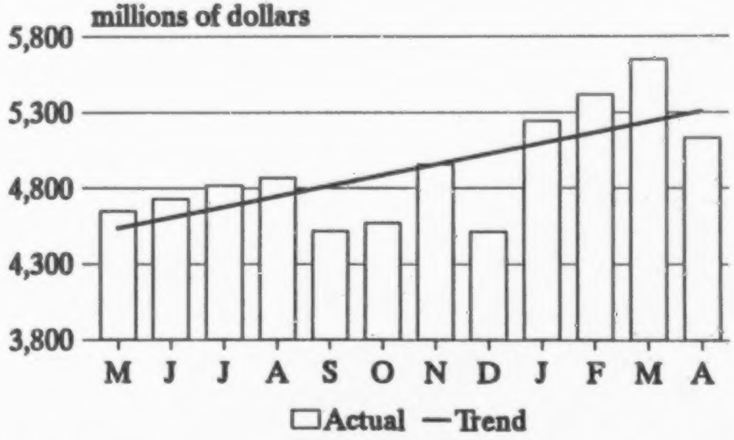
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	3,322	2,869	15.8%	3,386	2,601	n/a	8,741	6,870	27.2%
Exports	2,547	2,550	-0.1%	2,965	2,836	4.5%	7,739	7,414	4.4%
Balance	(775)	(319)	n/a	(421)	236	n/a	(1,001)	544	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	3,130	2,493	25.5%	Canada	1,249	1,145	9.1%
Singapore	1,504	1,117	34.6%	U.K.	840	778	8.0%
Taiwan	1,147	965	18.8%	Japan	809	976	-17.1%
Canada	506	484	4.4%	Germany	685	739	-7.2%
S. Korea	451	283	n/a	Netherlands	635	485	30.9%
Malaysia	274	164	n/a	Singapore	371	330	12.4%
Thailand	259	153	n/a	Mexico	353	277	27.3%
U.K.	246	229	7.4%	France	350	374	-6.4%
Mexico	245	184	33.2%	Australia	211	241	-12.4%
Hong Kong	202	146	38.4%	Hong Kong	170	n/a	n/a
Other	778	652	19.3%	Other	2,065	2,069	-0.2%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY MARCH 1993

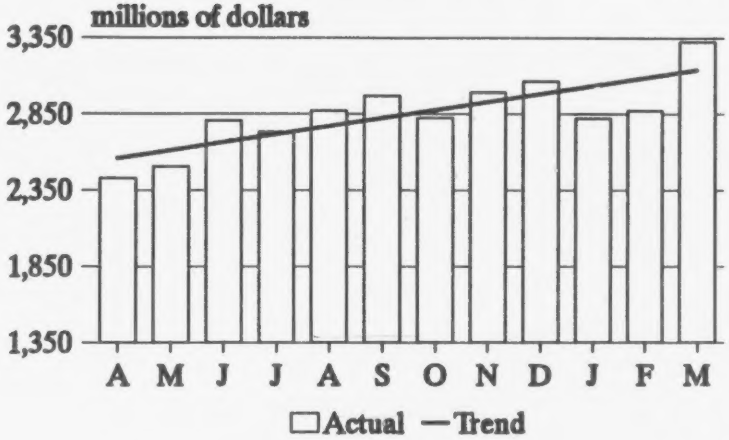
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	478,017	795,667	317,651	1,206,290	1,987,163	780,873
Monitors	406,525	62,648	(343,876)	1,093,549	170,329	(923,220)
Disk Drives and Blank Media	1,003,307	578,179	(425,127)	2,521,696	1,538,508	(983,188)
Printers	272,523	136,907	(135,617)	763,130	372,550	(390,580)
Other Computer Peripherals	79,443	106,966	27,523	210,353	282,352	71,999
Other Business Machines/Parts	1,145,948	1,284,374	138,426	2,944,844	3,388,497	443,653
Total	**3,385,762**	**2,964,742**	**(421,020)**	**8,739,863**	**7,739,400**	**(1,000,463)**

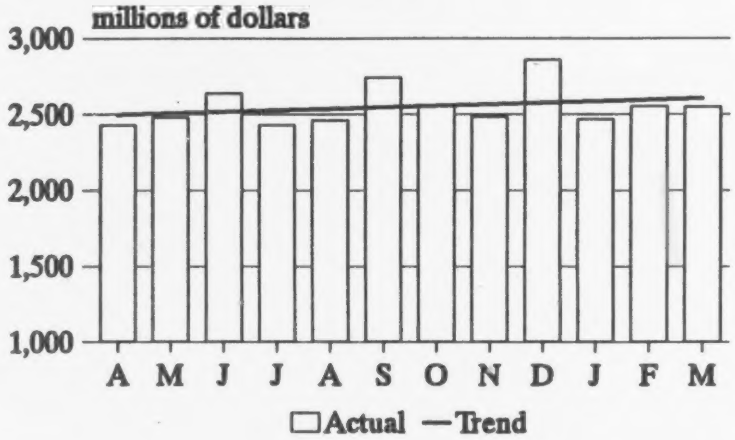
Computers & Peripherals Trade Trends March 1993

(all data seasonally adjusted)

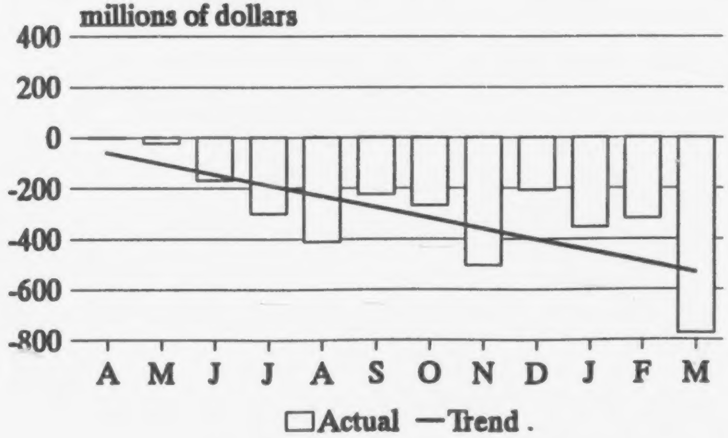
Imports



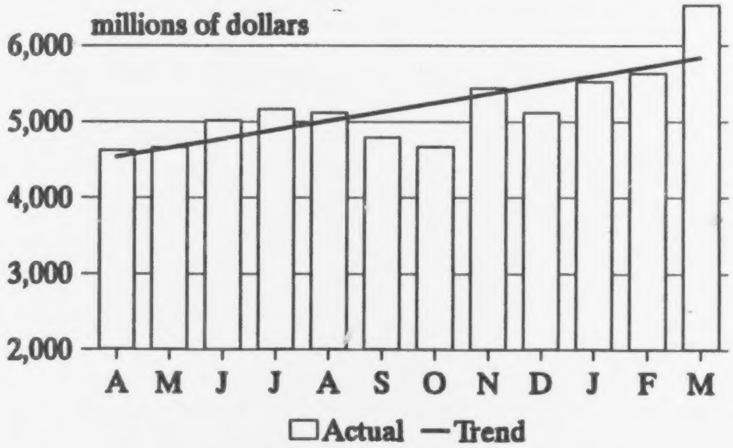
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

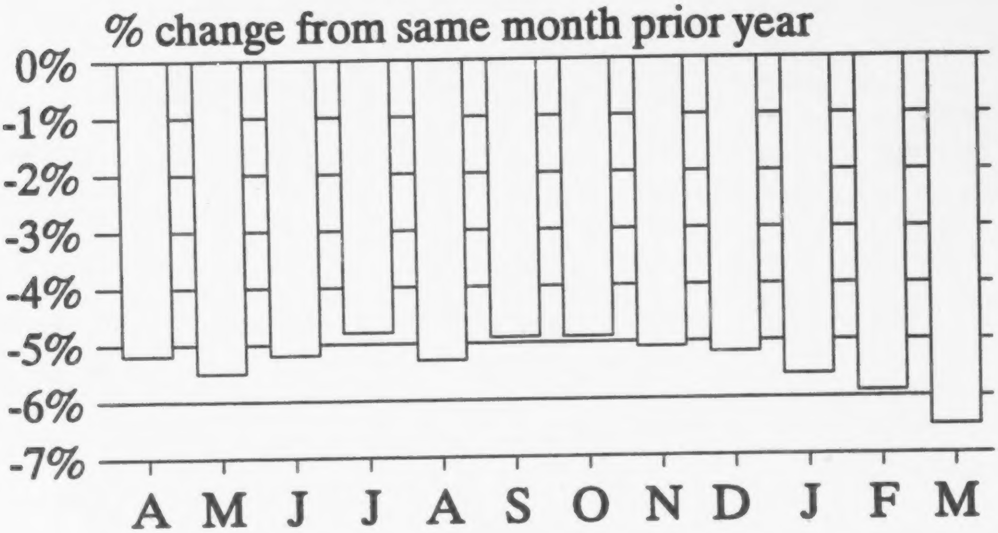
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	**126.6**	**130.6**	**-3.1%**	**126.6**	**0.0%**
Computers	56.7	62.8	-9.7%	56.4	0.5%
Other	69.9	67.8	3.1%	70.2	-0.4%
All Employees	**374.0**	**400.0**	**-6.5%**	**378.3**	**-1.1%**
Computers	218.8	246.0	-11.1%	222.7	-1.8%
Other	155.2	154.0	0.8%	155.6	-0.3%
Hourly Wage Index	116.8	114.9	1.7%	116.2	0.5%
Annual Sales/Employee	126,977	104,003	22.1%	123,650	2.7%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX APRIL 1993

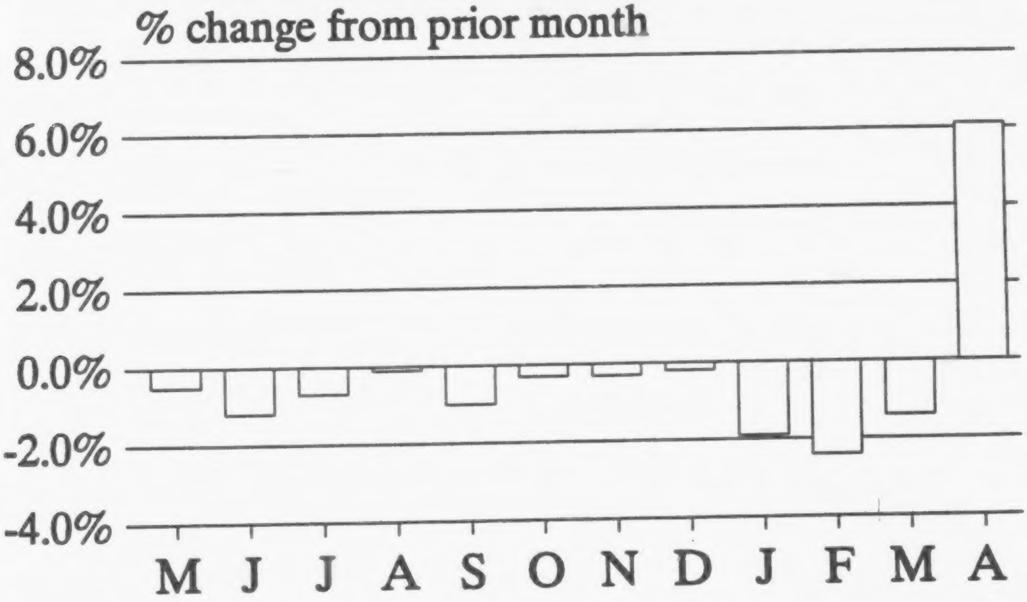
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**72.9**	**76.2**	**-4.3%**	**68.8**	**6.1%**
Computers	74.1	74.1	0.0%	70.7	4.8%
Serial Access Devices	100.0	n/a	n/a	90.7	10.3%
Hard Disks	102.9	100.7	2.2%	101.8	1.1%
Floppy Diskettes	92.0	95.6	-3.8%	89.9	2.3%

Computers & Peripherals
All Employees March 1993



Computers & Peripherals
Composite Price Index April 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,291**	**2,287**	**0.2%**	**2,145**	**2,064**	**3.9%**	**8,693**	**8,424**	**3.2%**
New Orders	2,428	2,312	5.0%	4,347	2,346	n/a	15,857	9,092	n/a
Production	2,305	2,290	0.6%	2,097	1,892	10.8%	8,404	7,650	9.9%
Inventory	4,641	4,627	0.3%	2,795	3,857	-27.5%	n/a	n/a	
Unfilled Orders	5,672	5,635	0.7%	3,145	4,710	n/a	n/a	n/a	
Book/Bill Ratio	1.06	1.01	4.8%	2.03	1.14	n/a	n/a	n/a	
Inv/Sales Ratio	2.03	2.02	0.1%	1.30	1.87	n/a	n/a	n/a	
Unf/Sales Ratio	2.48	2.46	0.5%	1.47	2.28	n/a	n/a	n/a	
Prod/Sales Ratio	1.01	1.00	0.4%	0.98	0.92	6.6%	n/a	n/a	

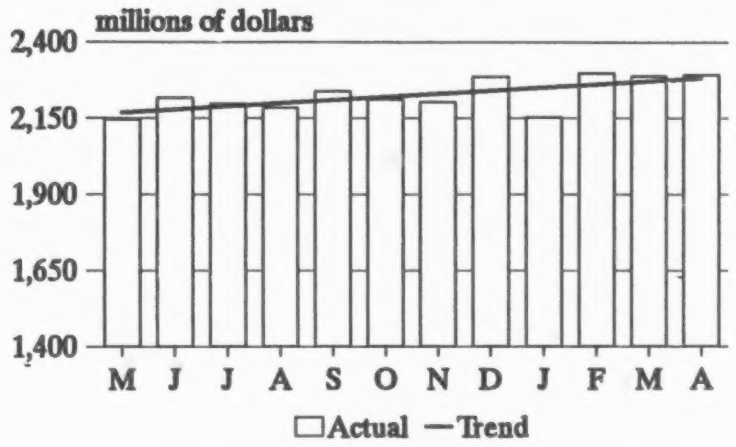
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 0.2% in April from prior month, up 3% YTD**
Orders	up	**New Orders up 5% in April, up sharply YTD**
Imports	up	**Imports up 9% from March 1992, up 20% YTD**
Exports	up	**Exports up 10% from March 1992, up 5% YTD**
Employment	down	**Total Employment, down 5% in March from prior year**
Wages	up	**Hourly Wages up 12% from March of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from April 1992**

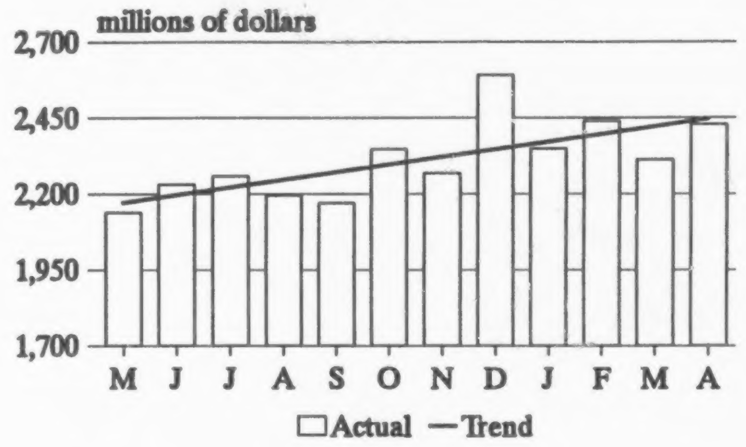
Industrial Electronics U.S Factory Trends April 1993

(all data seasonally adjusted)

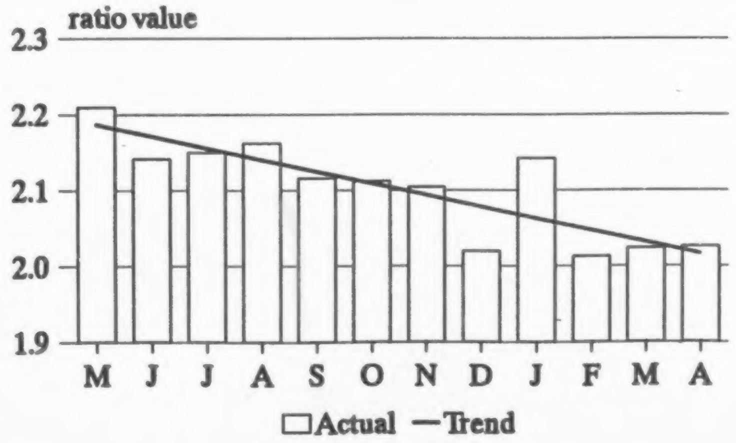
Factory Sales



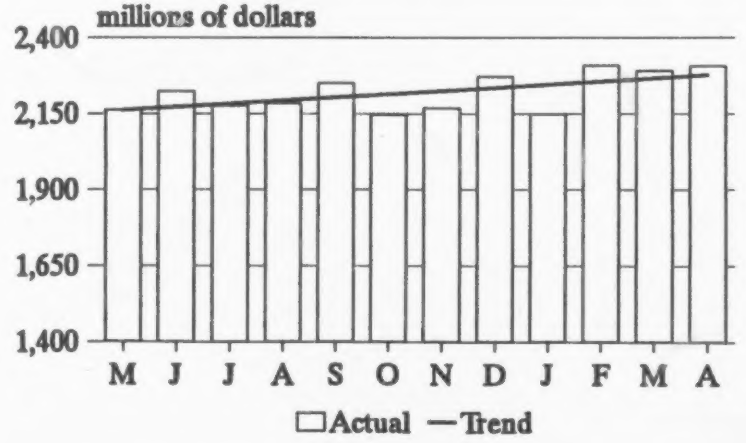
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	282	253	11.5%	288	263	9.3%	773	645	19.7%
Exports	691	629	9.9%	725	658	10.1%	1,914	1,816	5.4%
Balance	409	376	8.8%	437	395	10.7%	1,141	1,170	-2.5%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	282	171	n/a	Canada	287	255	12.7%
Germany	98	79	24.9%	Japan	248	274	-9.3%
Canada	95	94	0.8%	U.K.	150	127	17.9%
U.K.	85	93	-8.6%	Germany	137	154	-11.2%
Mexico	40	45	-10.9%	Mexico	124	111	12.1%
France	27	24	12.9%	France	102	91	11.7%
Switzerland	20	19	8.1%	S. Korea	90	108	-17.2%
Netherlands	16	17	-8.7%	Taiwan	71	75	-4.8%
Taiwan	15	15	4.3%	China	60	47	27.1%
Sweden	15	16	-7.9%	Italy	60	64	-6.2%
Other	79	72	10.1%	Other	585	510	14.7%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY MARCH 1993

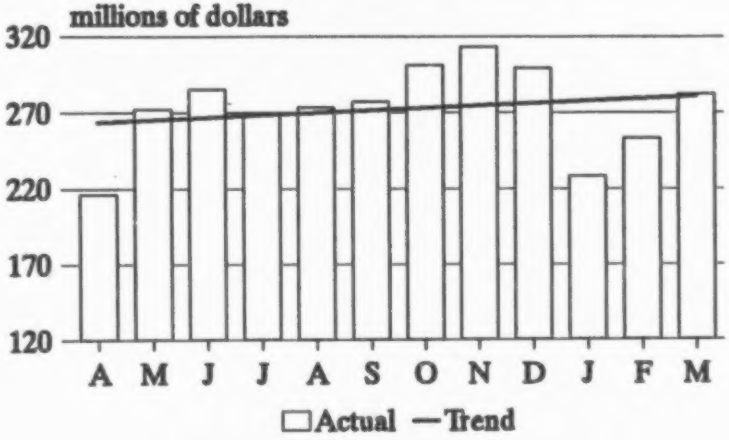
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	18,321	7,674	(10,647)	48,820	20,935	(27,886)
Testing/Analyzing Equip	46,506	204,407	157,902	122,314	545,508	423,194
Measuring/Analyzing Equip	83,921	224,148	140,227	212,798	606,707	393,909
Process/Control Devices	16,930	53,267	36,337	48,475	172,811	124,336
Other Electronic Machinery	122,235	198,502	76,266	340,632	485,516	144,884
Total	**287,913**	**687,999**	**400,086**	**773,038**	**1,831,476**	**1,058,438**

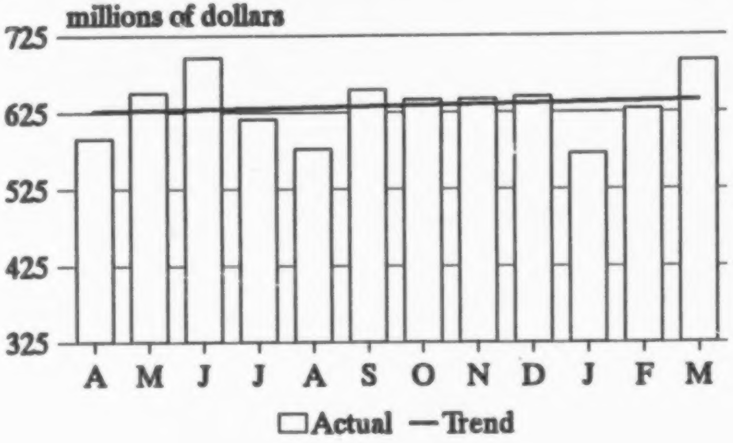
Industrial Electronics Trade Trends March 1993

(all data seasonally adjusted)

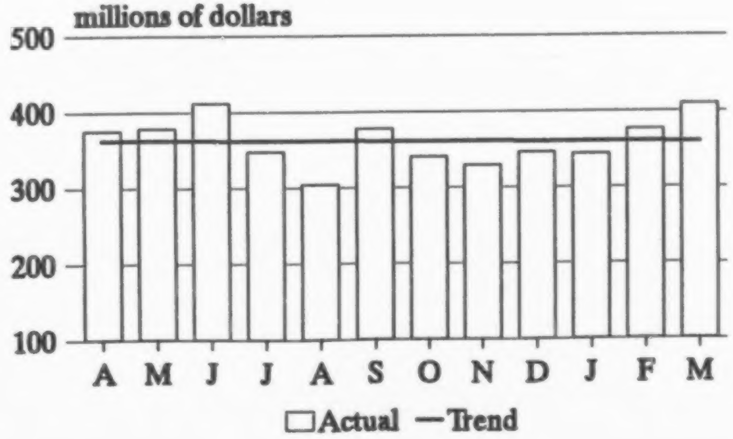
Imports



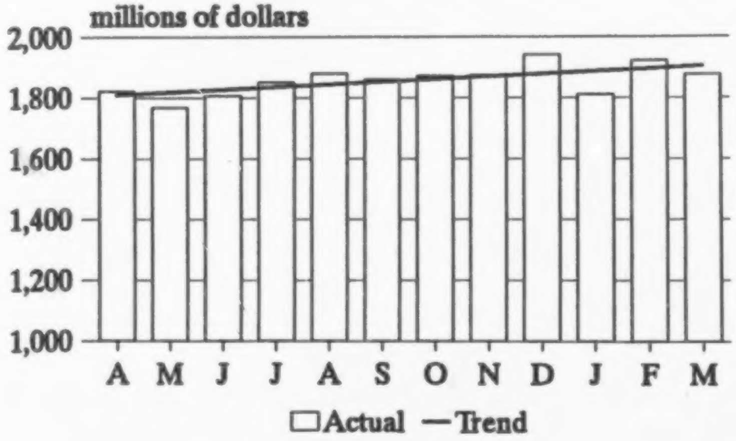
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

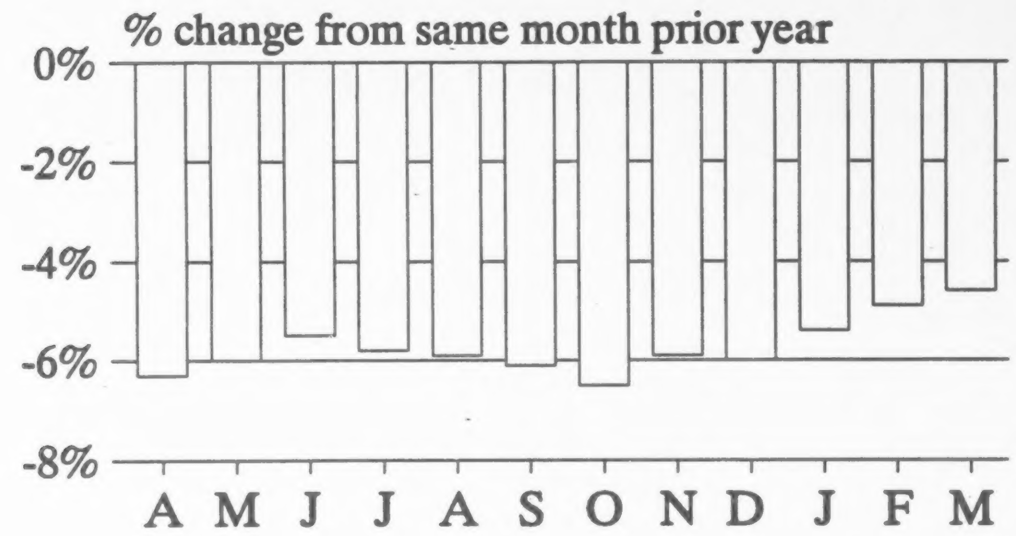
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	**112.6**	**122.6**	**-8.2%**	**113.4**	**-0.7%**
Process Controls	26.4	29.8	-11.4%	26.5	-0.4%
Testing/Measuring	37.4	40.2	-7.0%	37.7	-0.8%
Other	48.8	52.6	-7.2%	49.2	-0.8%
All Employees	**226.3**	**237.3**	**-4.6%**	**227.1**	**-0.4%**
Process Controls	55.4	59.8	-7.4%	55.6	-0.4%
Testing/Measuring	77.6	81.1	-4.3%	78.0	-0.5%
Other	93.3	96.4	-3.2%	93.5	-0.2%
Hourly Wage Index	128.4	114.6	12.0%	127.9	0.4%
Annual Sales/Employee	115,390	105,516	9.4%	114,748	0.6%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX APRIL 1993

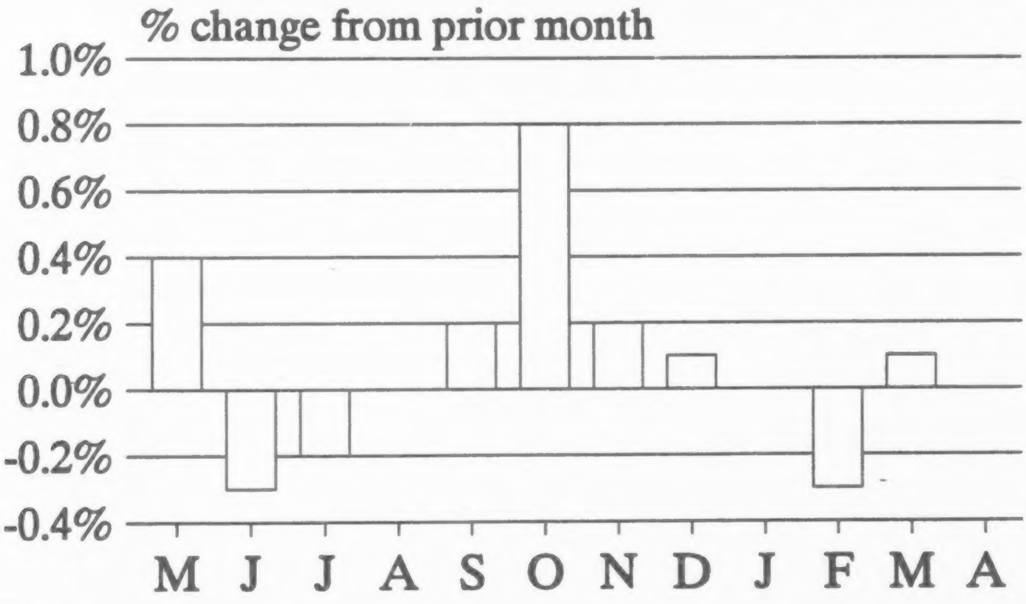
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**104.2**	**103.1**	**1.1%**	**104.2**	**0.0%**
Testing/Measuring	103.2	102.6	0.6%	102.9	0.3%
Nuclear Radiation	104.5	103.3	1.2%	105.2	-0.6%
Process Controls	105.3	102.3	2.9%	106.0	-0.6%
Other Equipment	104.6	104.5	0.1%	104.7	-0.1%

Industrial Electronics All Employees March 1993



Industrial Electronics Composite Price Index April 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**647**	**660**	**-2.0%**	**633**	**643**	**-1.5%**	**2,583**	**2,574**	**0.3%**
New Orders	617	624	-1.0%	603	625	-3.5%	2,528	2,500	1.1%
Production	655	664	-1.4%	651	664	-2.0%	2,617	2,616	0.0%
Inventory	1,422	1,414	0.5%	1,433	1,385	3.4%	n/a	n/a	
Unfilled Orders	1,838	1,868	-1.6%	1,838	1,780	3.3%	n/a	n/a	
Book/Bill Ratio	0.95	0.94	1.0%	0.95	0.97	-2.0%	n/a	n/a	
Inv/Sales Ratio	2.20	2.14	2.6%	2.26	2.15	5.1%	n/a	n/a	
Unf/Sales Ratio	2.84	2.83	0.4%	2.90	2.77	4.9%	n/a	n/a	
Prod/Sales Ratio	1.01	1.01	0.6%	1.03	1.03	-0.4%	n/a	n/a	

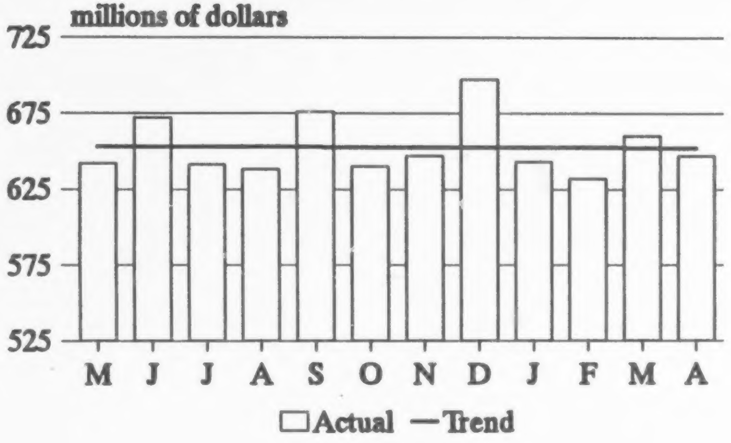
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	down	Factory Sales down 2% in April from prior month, up 0.3% YTD
Orders	down	New Orders down 1% in April, up 1% YTD
Imports	up	Imports up 4% from March 1992, up 1% YTD
Exports	up	Exports up 17% from March 1992, up 8% YTD
Employment	down	Total Employment, unchanged in March from prior year
Wages	up	Hourly Wages up 1% from March of last year
Factory Prices	up	Composite Producer Price Index up 1% from April 1992

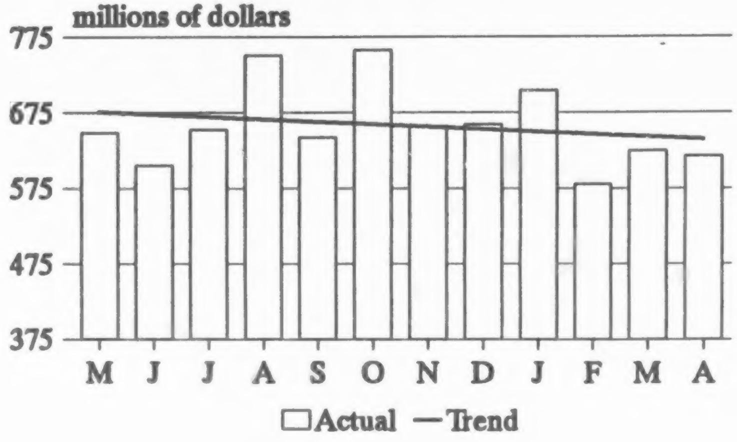
Electromedical Equipment U.S Factory Trends April 1993

(all data seasonally adjusted)

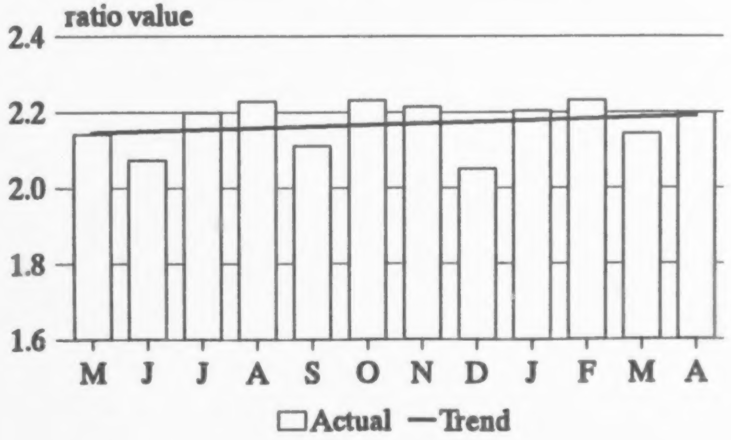
Factory Sales



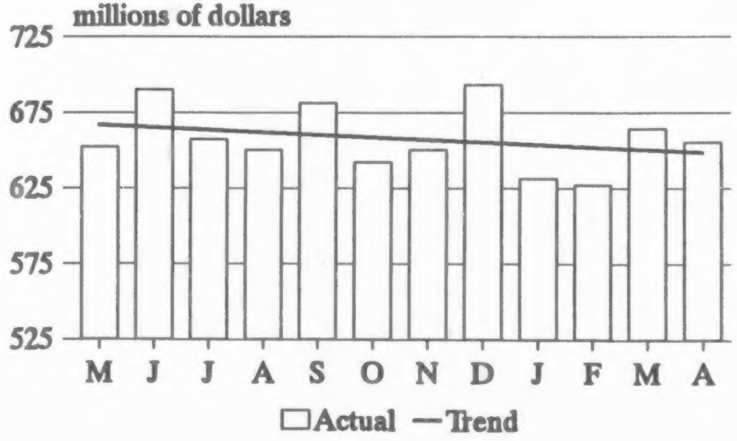
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY MARCH 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Mar-93	Feb-93	% ch.	Mar-93	Mar-92	% ch.	YTD-93	YTD-92	% ch.
Imports	211	189	11.6%	218	209	4.2%	559	554	1.0%
Exports	328	294	11.6%	340	291	17.0%	894	829	7.9%
Balance	117	105	11.4%	122	81	n/a	335	275	21.8%

ELECTROMEDICAL BILATERAL TRADE SUMMARY MARCH 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Mar-93	Mar-92	% ch.		Mar-93	Mar-92	% ch.
Japan	186	192	-3.6%	Japan	150	132	13.4%
Germany	153	166	-7.7%	Germany	117	119	-1.8%
Netherlands	50	34	45.5%	Canada	79	76	3.4%
France	32	37	-11.9%	Netherlands	65	67	-2.3%
Mexico	24	23	2.0%	France	49	42	17.5%
U.K.	18	18	3.5%	U.K.	48	47	1.6%
Sweden	12	7	n/a	Mexico	42	31	35.4%
Israel	11	10	8.9%	Belgium	26	n/a	n/a
Singapore	10	n/a	n/a	Australia	26	24	9.5%
Canada	8	n/a	n/a	Italy	24	37	-34.4%
Other	55	66	-16.2%	Other	270	255	5.7%

ELECTROMEDICAL PRODUCT TRADE SUMMARY MARCH 1993

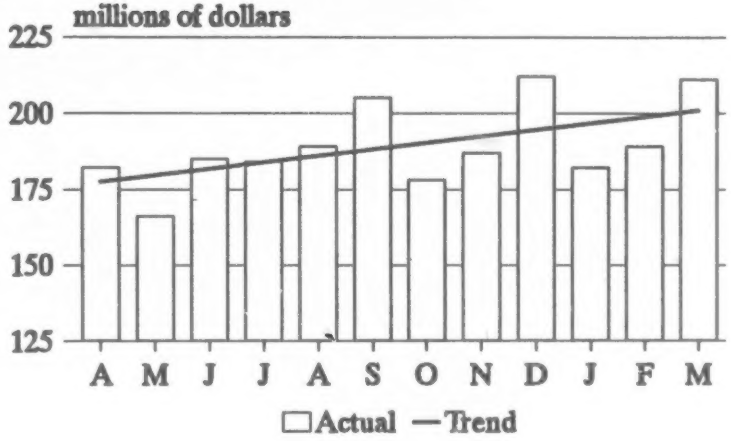
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	119,235	251,266	132,030	308,485	662,823	354,337
X-Ray and Related Equip	98,737	88,884	(9,854)	250,984	231,409	(19,575)
Total	**217,973**	**340,149**	**122,177**	**559,470**	**894,232**	**334,762**

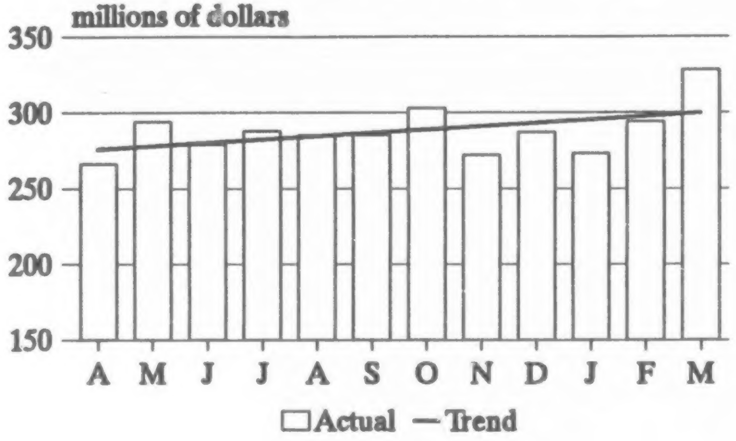
Electromedical Equipment Trade Trends March 1993

(all data seasonally adjusted)

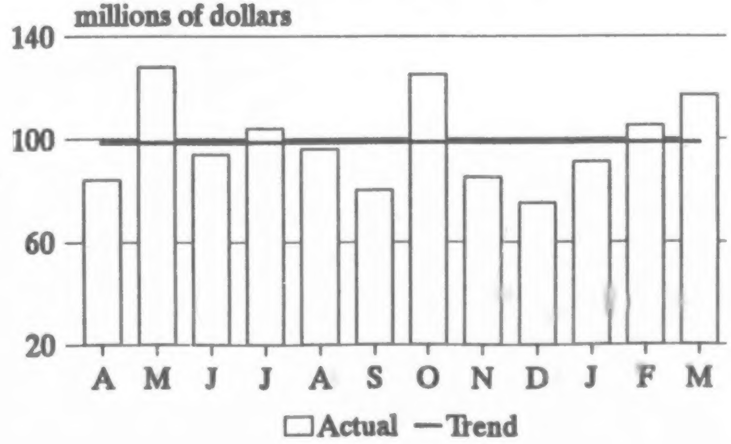
Imports



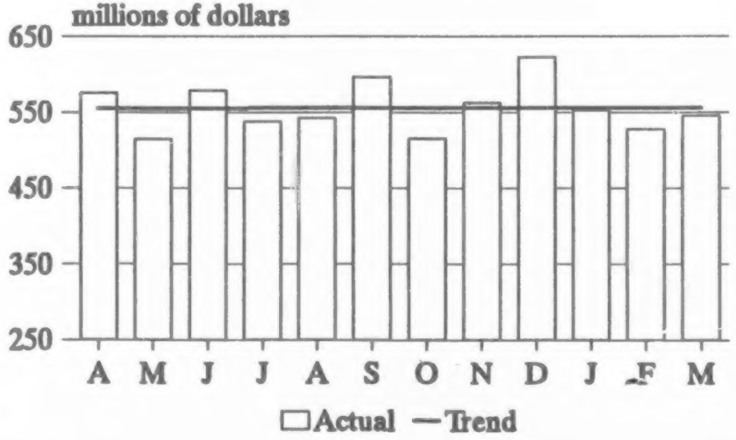
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY MARCH 1993

(thousands of workers, hourly wage index 1/88=100)

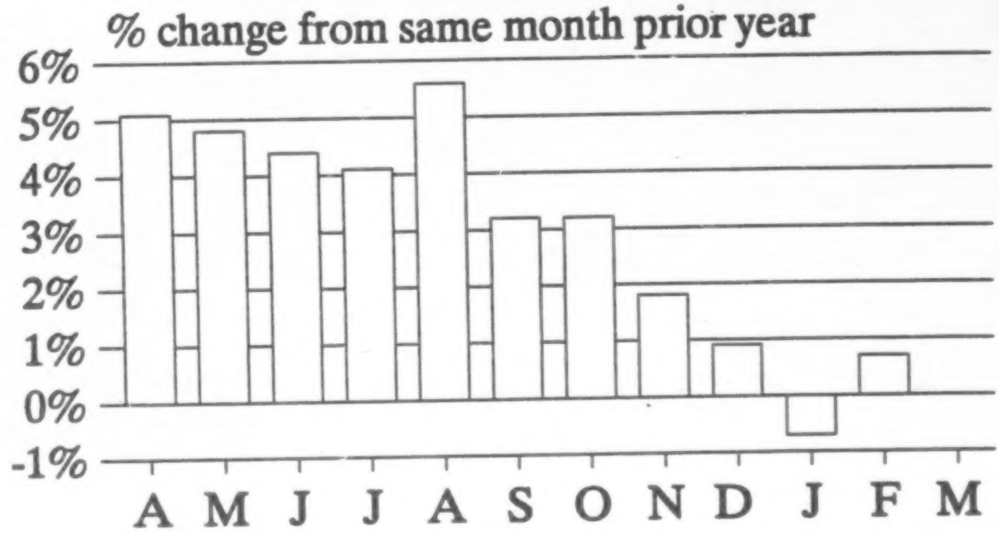
	Not Seasonally Adjusted				
	Mar-93	Mar-92	% ch.	Feb-93	% ch.
Production Workers	17.6	17.7	-0.6%	17.7	-0.6%
All Employees	44.6	44.6	0.0%	44.4	0.5%
Hourly Wage Index	120.9	120.3	0.5%	120.9	0.0%
Annual Sales/Employee	173,877	174,267	-0.2%	173,601	0.2%

ELECTROMEDICAL PRODUCER PRICE INDEX APRIL 1993

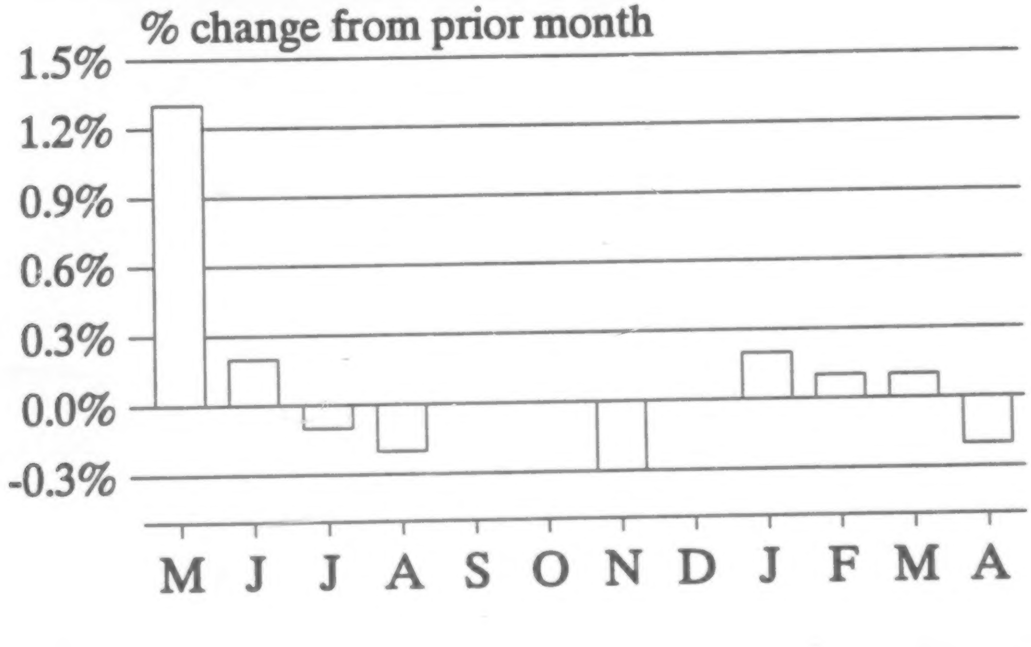
(12/90=100)

	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Composite Index	**102.3**	**101.2**	**1.1%**	**102.5**	**-0.2%**
Irradiation Equipment	101.9	101.8	0.1%	102.6	-0.7%
Diagnostic/Monitoring	102.5	100.5	2.0%	102.4	0.1%
Electrotherapeutic	102.3	102.1	0.2%	102.5	-0.3%

Electromedical Equipment
All Employees March 1993



Electromedical Equipment
Composite Price Index April 1993

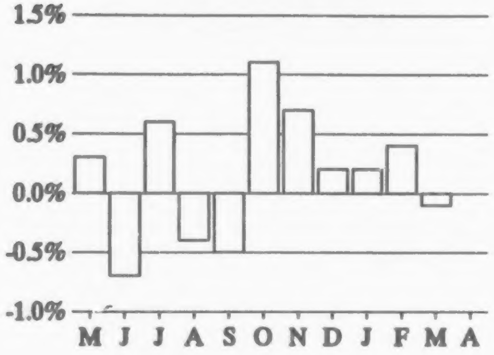


Economic Data Bank - As of June 7, 1993

	Current Period	Previous Period	Year Ago
	Apr-93	Mar-93	Apr-92
Capacity Utilization (% utilized)	**81.4**	**81.4**	**79.9**
	May-93	Apr-93	May-92
Consumer Confidence (Index 1985=100)	**61.5**	**67.7**	**71.9**
	1st Qtr	4th Qtr	1st Qtr
Gross Domestic Product (billions 1987 $)	**5,002.5**	**4,990.8**	**4,873.7**
	1st Qtr	4th Qtr	1st Qtr
Gross National Product (billions 1987 $)	**5,019.6**	**4,995.9**	**4,890.7**
	1st Qtr	4th Qtr	1st Qtr
Government Purchases (billions 1987 $)	**919.3**	**936.8**	**937.0**
	Apr-93	Mar-93	Apr-92
Industrial Production (Index 1987=100)	**110.0**	**109.9**	**106.3**
	Apr-93	Mar-93	Apr-92
Housing Starts (annual rate 000's)	**1,213**	**1,137**	**1,095**
	Apr-93	Mar-93	Apr-92
Leading Economic Indicators (Index 1987=100)	**152.0**	**151.9**	**148.3**
	May-93	Apr-93	May-92
90-Day T-Bill Rate (%)	**2.96**	**2.89**	**3.66**
	May-93	Apr-93	May-92
Prime Rate (%)	**6.00**	**6.00**	**6.50**
	Apr-93	Mar-93	Apr-92
Unemployment Rate (% of labor force)	**6.9**	**6.9**	**7.2**
	Apr-93	Mar-93	Apr-92
Real Money Supply M-2 (billions 1987 $)	**2,324.8**	**2,333.8**	**2,397.4**
	Apr-93	Mar-93	Apr-92
Retail Sales (billions of dollars)	**169.7**	**167.7**	**160.0**
	Apr-93	Mar-93	Apr-92
Disposable Personal Income (billions 1987 $)	**3,640.6**	**3,654.5**	**3,573.3**
	Apr-93	Mar-93	Apr-92
Auto Sales (annual rate millions)	**8.4**	**8.3**	**8.2**
	Apr-93	Mar-93	Apr-92
Personal Savings Rate (% of income)	**4.6**	**4.7**	**5.5**
	Apr-93	Mar-93	Apr-92
CPI-U All Items (Index 1982-84=100)	**144.0**	**143.6**	**139.5**
	Apr-93	Mar-93	Apr-92
PPI Finished Goods (Index 1982-84=100)	**125.7**	**125.0**	**122.8**
	Mar-93	Feb-93	Mar-92
Balance of Trade (billions of dollars)	**(10.2)**	**(7.9)**	**(5.5)**

Capacity Utilization

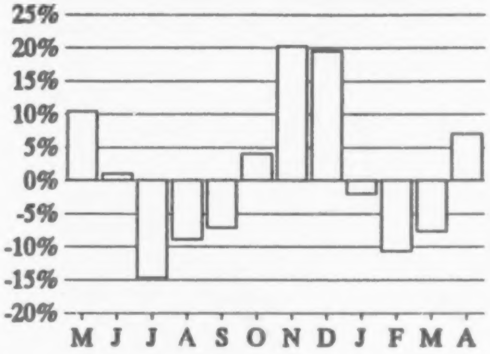
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

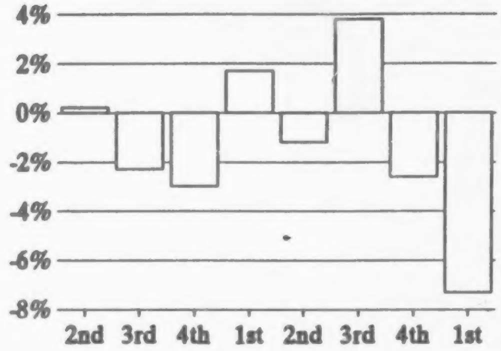
(percent change from previous month)



Source: Conference Board

Government Purchases

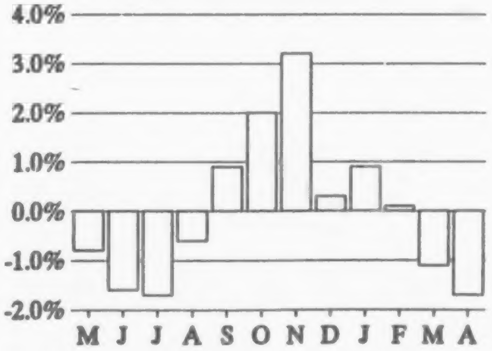
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

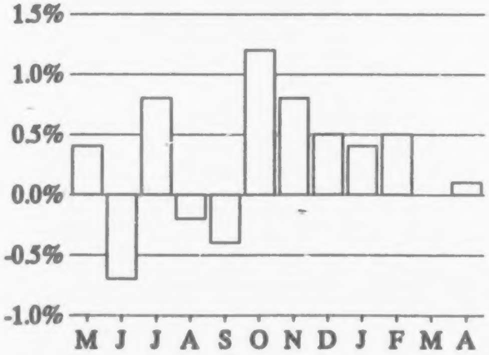
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

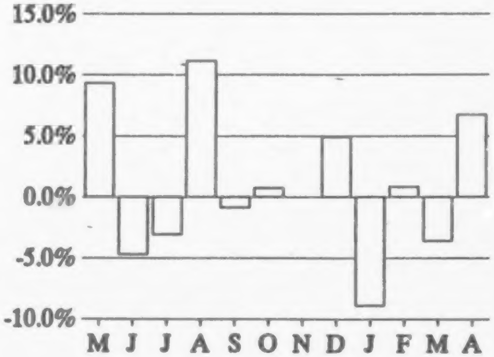
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

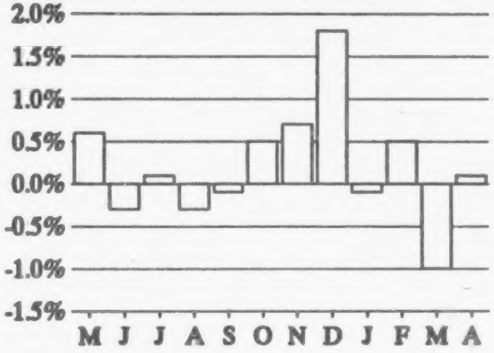
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

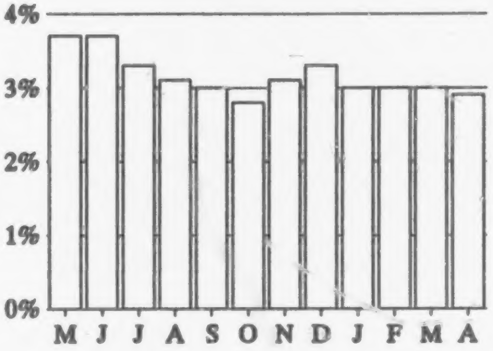
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

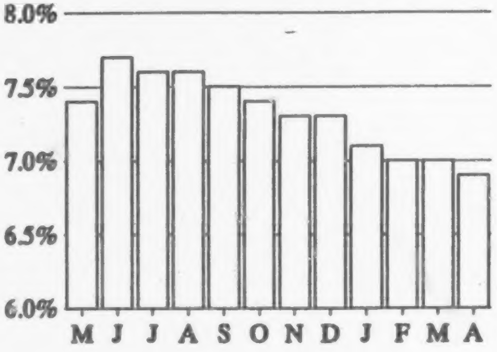
(interest rate)



Source: Conference Board

Unemployment Rate

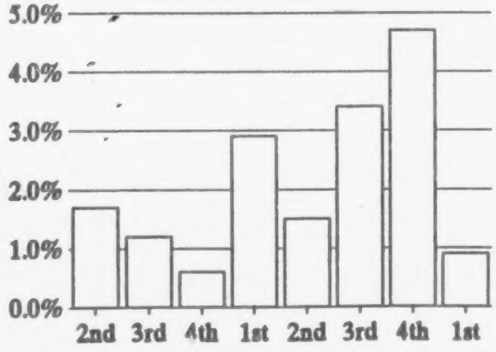
(precent of civilian laborforce)



Source: Department of Commerce

Real GDP

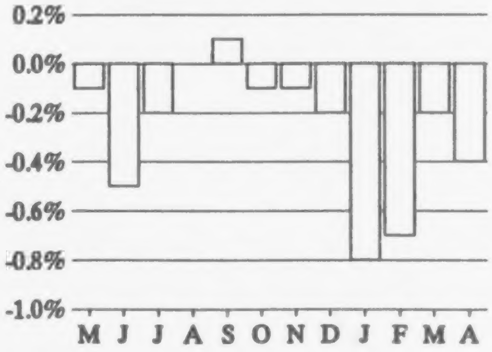
(quarter vs. previous quarter)



Source: Department of Commerce

Real Money Supply M-2

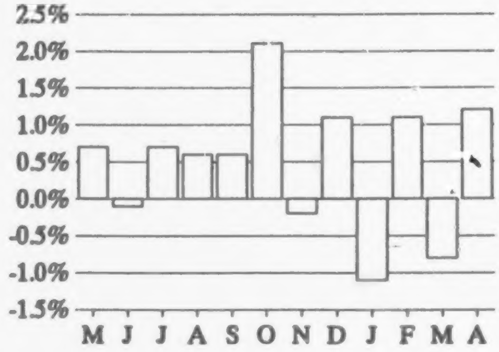
(percent change from previous month)



Source: Department of Commerce

Retail Sales

(percent change from previous month)



Source: Department of Commerce

Footnotes

[1] Represents U.S. factory sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2] Represents imports for consumption, customs value.

[3] Represents total exports, including reexports.

[4] Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5] Represents domestically-produced audio and video products, blank media products and electronic toys.

[6] Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7] Represents total consumer electronics sales in the U.S., including imports.

[8] Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

Electronic Market Data Book

This yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: computers, consumer electronics, electronic components, government electronics, industrial electronics and telecommunications. Another section provides complete international trade, employment and R&D information. Packed with over 100 tables, charts, and graphs, the **Electronic Market Data Book** provides sales and production figures for the most recent year as well as historical data and other information to help pinpoint growing markets and spot trends. For over 35 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** because it provides the most up-to-date and reliable data available—from the U.S. government, industry experts, private sources and EIA Marketing Services statistial programs. A table of contents from the **Electronic Market Data Book** is available free on request.

Electronics Foreign Trade

Designed for rapid and accurate identification of import and export trends, this monthly statistical report features:

- Monthly and year-to-date import and export figures for over 300 electronic products by unit sales and dollar volume.
- Balance-of-Trade for the U.S. electronics industry by product group.
- Top 10 foreign markets for U.S. electronics
- Top 10 foreign suppliers of electronic products to the U.S.
- Top 10 data contain year-to-date statistics for over 300 electronic products by unit sales and dollar volume.
- Bilateral electronics trade data for the top 10 U.S. electronics trade partners.
- Import statistics for articles traded under Generalized System of Preferences (GSP) by product group.

Electronic Market Trends

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Consumer Electronics U.S. Sales

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July 1993

Electronic Market
TRENDS

The Authoritative Source for
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on the U.S. Electronics Industry

ELECTRONIC INDUSTRIES ASSOCIATION
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Contains:
May 1993 Factory Shipments
April 1993 Electronics Trade Data

TRENDS

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The Electronic Industries Association (EIA) has been the national trade organization representing U.S. electronics manufacturers since 1924. Committed to the competitiveness of the American producer, EIA represents the entire spectrum of companies involved in the manufacture of electronic components, parts, systems, and equipment for communications, industrial, government, and consumer-end uses.

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U.S. ELECTRONICS FACTORY DATA SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**25,489**	**25,197**	1.2%	**24,251**	**22,424**	8.1%	**119,905**	**111,729**	7.3%
New Orders	15,889	16,790	-5.4%	17,446	14,796	17.9%	87,375	71,758	21.8%
Production	17,260	15,976	8.0%	12,810	14,668	-12.7%	65,943	60,285	9.4%
Inventory	33,757	33,413	1.0%	31,695	33,766	-6.1%	n/a	n/a	
Unfilled Orders	60,099	60,410	-0.5%	57,540	60,644	-5.1%	n/a	n/a	
Book/Bill Ratio	0.62	0.67	-6.5%	0.72	0.66	9.0%	n/a	n/a	
Inv/Sales Ratio	1.32	1.33	-0.1%	1.31	1.51	-13.2%	n/a	n/a	
Unf/Sales Ratio	2.36	2.40	-1.7%	2.37	2.70	-12.3%	n/a	n/a	
Prod/Sales Ratio	0.68	0.63	6.8%	0.53	0.65	-19.2%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	8,271	9,041	-8.5%	7,827	6,670	17.3%	30,299	26,169	15.8%
Exports	6,825	6,922	-1.4%	6,774	6,102	11.0%	27,161	24,880	9.2%
Balance	(1,446)	(2,119)	-31.8%	(1,053)	(568)	n/a	(3,138)	(1,289)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Apr-93	Apr-92	% ch.	Apr-93	Apr-92	% ch.	Imports	Exports	Balance
Japan	2,810	2,518	11.6%	617	765	-19.3%	10,661	2,667	(7,994)
Canada	542	621	-12.7%	1,165	1,208	-3.6%	2,104	4,512	2,408
Singapore	679	710	-4.4%	370	337	9.8%	2,769	1,465	(1,304)
Mexico	502	458	9.6%	503	492	2.2%	1,920	2,046	126
Taiwan	670	644	4.0%	294	263	11.8%	2,647	1,097	(1,550)
S. Korea	519	448	15.8%	259	231	12.1%	1,981	962	(1,019)
U.K.	189	211	-10.4%	521	542	-3.9%	757	2,202	1,445
Germany	226	222	1.8%	420	463	-9.3%	834	1,698	864
Malaysia	504	408	23.5%	243	175	38.9%	2,034	923	(1,111)
Hong Kong	n/a	n/a	n/a	n/a	n/a	n/a	601	854	253
Other	936	953	-1.8%	2,606	2,155	20.9%	2,979	6,564	3,585

U.S. ELECTRONICS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.
Production Workers	818.8	828.9	-1.2%	815.7	851.6	-4.2%
All Employees	**1,720.2**	**1,747.3**	**-1.6%**	**1,712.4**	**1,820.2**	**-5.9%**
Hourly Wage Index	n/a	n/a		118.5	114.4	3.6%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX MAY 1993

(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**92.9**	**94.6**	**-1.8%**	**92.8**	**0.1%**

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory sales up 1% in May from prior month, up 7% YTD**
Orders	down	**New orders down 5% in May, up 22% YTD**
Imports	up	**Imports up 17% from April 1992, up 16% YTD**
Exports	up	**Exports up 11% from April 1992, up 9% YTD**
Employment	down	**Total Employment, down 6% in April from prior year**
Wages	down	**Hourly Wages up 4% from April of last year**
Factory Prices	down	**Composite Producer Price Index down 2% over May 1992**

ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**6,012**	**5,929**	**1.4%**	**5,969**	**5,133**	**16.3%**	**29,071**	**25,669**	**13.3%**
New Orders	5,706	6,000	-4.9%	5,431	5,232	3.8%	29,556	26,332	12.2%
Production	6,146	5,982	2.7%	6,173	5,079	21.5%	29,581	25,634	15.4%
Inventory	9,059	8,925	1.5%	9,129	8,612	6.0%	n/a	n/a	
Unfilled Orders	14,699	15,619	-5.9%	15,073	14,140	6.6%	n/a	n/a	
Book/Bill Ratio	0.95	1.01	-6.2%	0.91	1.02	-10.7%	n/a	n/a	
Inv/Sales Ratio	1.51	1.51	0.1%	1.53	1.68	-8.9%	n/a	n/a	
Unf/Sales Ratio	2.44	2.63	-7.2%	2.53	2.75	-8.3%	n/a	n/a	
Prod/Sales Ratio	1.02	1.01	1.3%	1.03	0.99	4.5%	n/a	n/a	

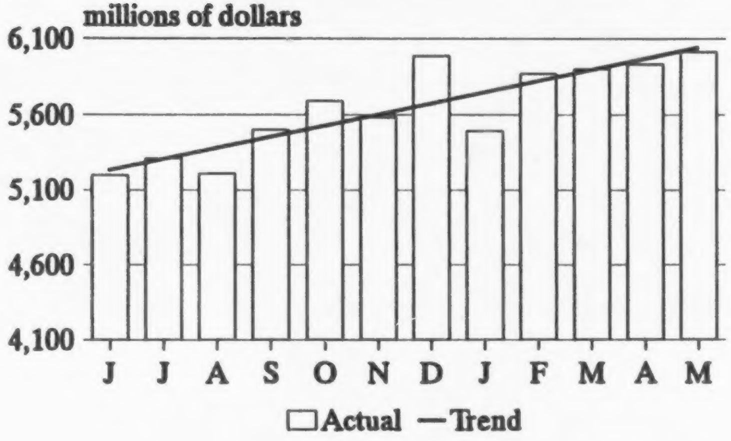
ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 1% in May from prior month, up 13% YTD**
Orders	down	**New Orders down 5% in May, up 12% YTD**
Imports	up	**Imports up 18% from April 1992, up 15% YTD**
Exports	up	**Exports up 22% from April 1992, up 16% YTD**
Employment	down	**Total Employment, down 2% in April from prior year**
Wages	up	**Hourly Wages up 5% from April of last year**
Factory Prices	down	**Composite Producer Price Index down 0.3% from May 1992**

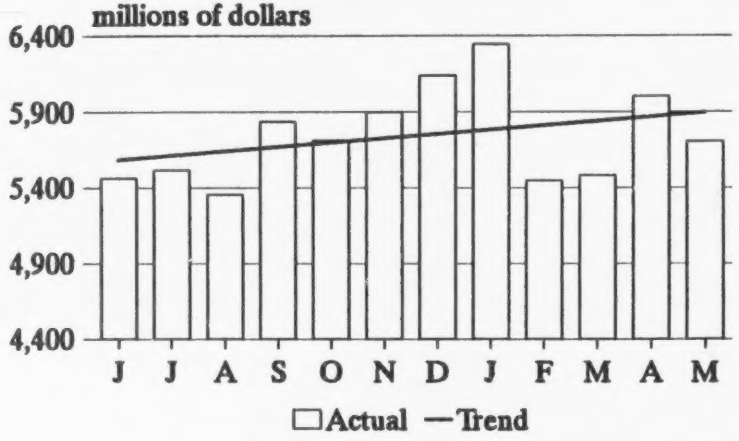
Electronics Components U.S Factory Trends May 1993

(all data seasonally adjusted)

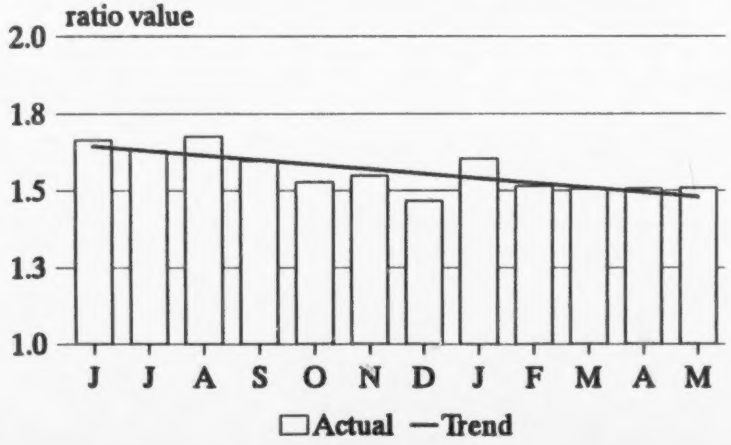
Factory Sales



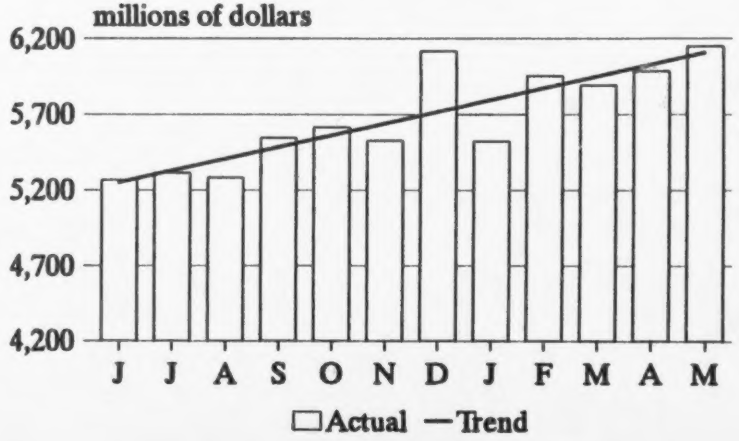
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	55	53	3.8%	55	50	10.0%	187	208	-10.0%
Passive	761	847	-10.2%	775	716	8.2%	2,967	2,838	4.5%
Solid State	1,555	1,583	-1.8%	1,546	1,249	23.8%	5,940	4,868	22.0%
Total	**2,371**	**2,483**	**-4.5%**	**2,376**	**2,015**	**17.9%**	**9,094**	**7,915**	**14.9%**
EXPORTS									
Electron Tubes	67	60	11.7%	70	56	25.0%	257	212	21.2%
Passive	509	539	-5.6%	509	454	12.1%	2,021	1,933	4.5%
Solid State	1,590	1,557	2.1%	1,590	1,269	25.3%	6,110	5,073	20.5%
Total	**2,166**	**2,156**	**0.5%**	**2,169**	**1,779**	**21.9%**	**8,388**	**7,218**	**16.2%**
BALANCE									
Electron Tubes	12	7	71.4%	15	6	n/a	69	4	n/a
Passive	(252)	(308)	-18.2%	(266)	(262)	1.5%	(945)	(905)	4.5%
Solid State	35	(26)	n/a	44	20	n/a	170	205	-16.9%
Total	**(205)**	**(327)**	**-37.3%**	**(207)**	**(236)**	**-12.3%**	**(706)**	**(697)**	**1.3%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	2,693	2,290	17.6%	Canada	1,499	1,579	-5.1%
Malaysia	936	632	48.1%	Mexico	817	743	9.9%
Canada	813	896	-9.3%	Singapore	790	592	33.5%
S. Korea	782	708	10.5%	Malaysia	698	529	31.9%
Taiwan	776	612	26.9%	Japan	678	587	15.5%
Mexico	650	775	-16.1%	U.K.	553	436	26.7%
Singapore	553	562	-1.6%	Taiwan	514	497	3.4%
Philippines	334	n/a	n/a	S. Korea	450	355	26.6%
Hong Kong	240	n/a	n/a	Hong Kong	426	328	29.8%
U.K.	158	131	20.8%	Philippines	266	n/a	n/a
Other	1,158	1,309	-11.5%	Other	1,700	1,571	8.2%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY APRIL 1993

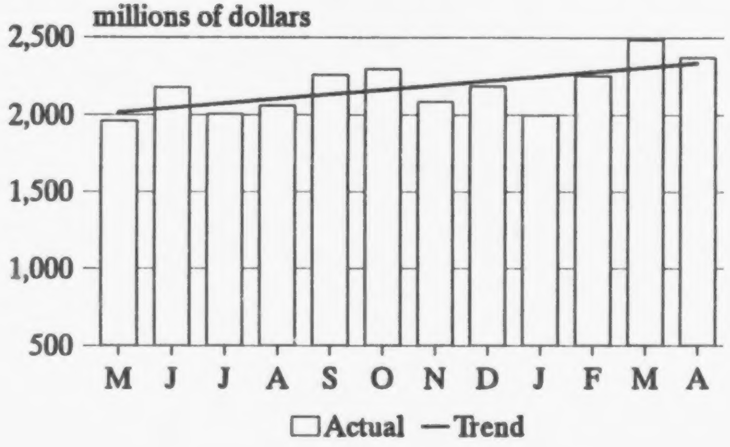
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	40,102	51,229	11,127	133,255	188,671	55,416
Receiving Tubes	139	565	426	643	1,543	900
Power/Special Purpose Tubes	14,342	18,531	4.189	52,989	64,776	11,787
Capacitors	59,965	52,195	(7,771)	230,535	214,598	(15,936)
Resistors	37,396	16,597	(20,798)	146,368	71,070	(75,299)
Relays	42,090	35,828	(6,262)	167,100	126,111	(40,989)
Connectors	50,290	37,957	(12,333)	198,329	147,642	(50,686)
Electronic Wire	82,632	97,056	14,424	324,997	405,196	80,199
Transformers	12,992	2,070	(10,921)	49,848	8,458	(41,391)
Power Supplies	90,867	14,666	(76,201)	348,893	59,813	(289,079)
Printed Circuits and Boards	114,172	96,745	(17,427)	416,134	378,220	(37,914)
Parts of TV/Audio Apparatus	185,619	114,536	(71,083)	717,069	466,047	(251,022)
Indicator Panels	35,141	5,356	(29,785)	132,850	19,581	(113,269)
Switches	15,955	2,549	(13,406)	57,085	8,423	(48,662)
Piezoelectric Crystals	19,113	8,146	(10,967)	70,982	20,619	(50,363)
Other Parts	29,489	21,075	(8,414)	108,046	76,659	(31,388)
EPROMs	50,980	21,477	(29,503)	207,635	93,246	(114,390)
Microprocessors	129,042	178,762	49,720	521,365	661,141	139,776
DRAMs	294,356	123,675	(170,681)	1,117,643	451,912	(665,731)
SRAMs	69,446	23,275	(46,171)	271,919	95,476	(176,444)
Analog ICs	127,371	63,694	(63,677)	498,241	280,030	(218,211)
Other ICs	489,042	337,243	(151,799)	1,932,888	1,317,387	(615,500)
Diodes	37,647	15,279	(22,368)	140,287	62,888	(77,400)
Transistors	36,922	5,010	(31,912)	132,207	21,813	(110,394)
Chips, Wafers & Parts	272,658	795,108	522,450	978,210	3,029,808	2,051,598
Other Semiconductors	35,789	19,291	(16,498)	131,057	71,993	(59,064)
Solar Cells	2.506	6,781	4.275	9,278	23,630	14,353
Total	2,376,064	2,164,696	(211,368)	9,095,854	8,366,750	(729,104)

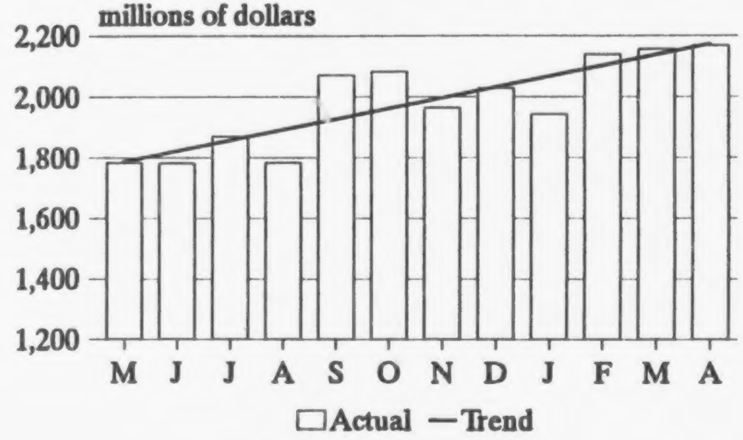
Electronic Components Trade Trends April 1993

(all data seasonally adjusted)

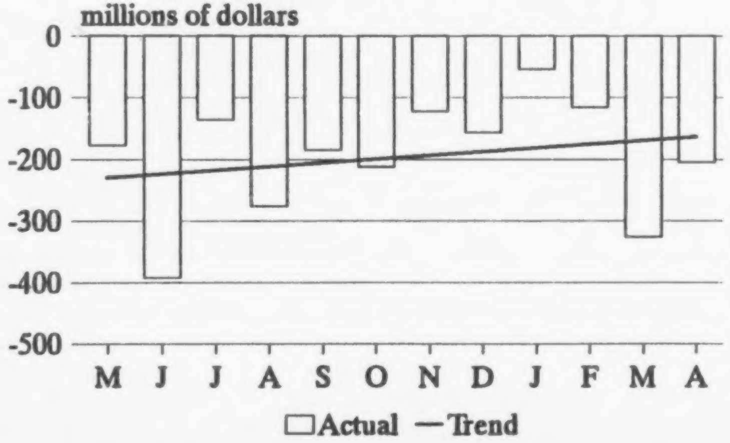
Imports



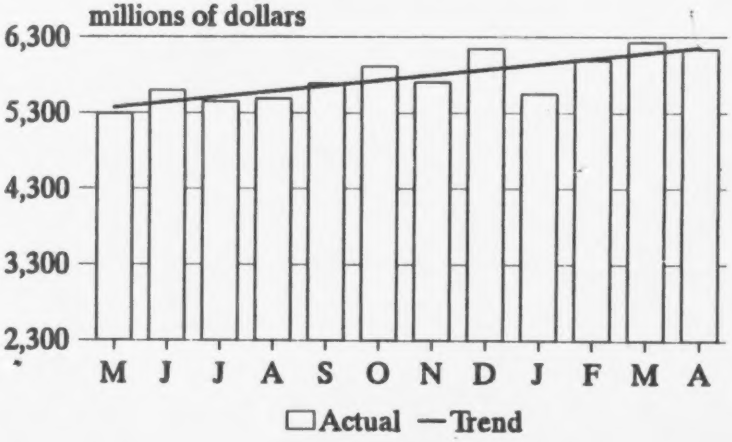
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

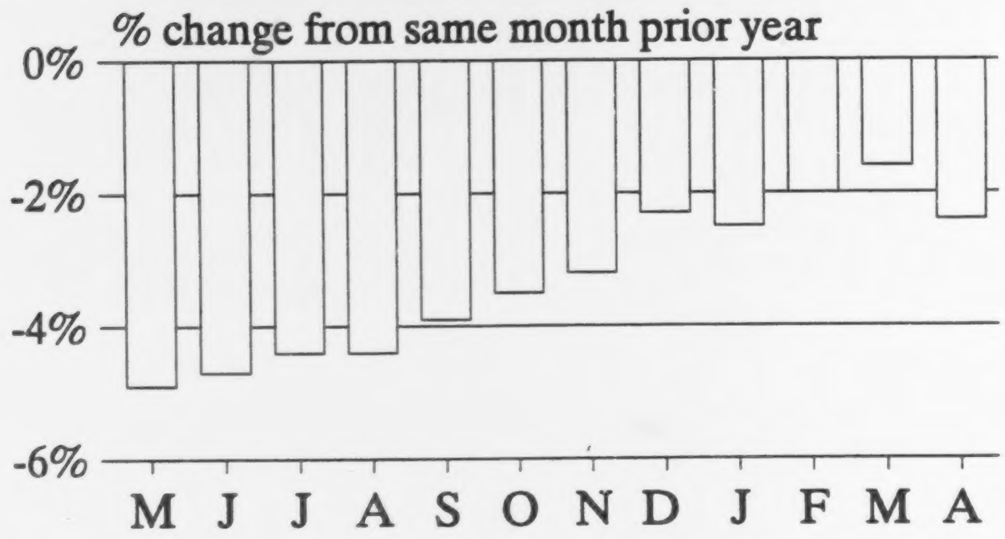
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	**343.3**	**345.6**	**-0.7%**	**344.5**	**-0.3%**
Electron Tubes	16.5	18.0	-8.3%	16.0	3.1%
Semiconductors	90.8	91.0	-0.2%	92.8	-2.2%
Other	236.0	236.6	-0.3%	235.7	0.1%
All Employees	**582.8**	**597.2**	**-2.4%**	**589.4**	**-1.1%**
Electron Tubes	24.5	26.7	-8.2%	24.1	1.7%
Semiconductors	213.5	223.3	-4.4%	220.5	-3.2%
Other	344.8	347.2	-0.7%	344.8	0.0%
Hourly Wage Index	121.5	116.2	4.5%	121.6	-0.1%
Annual Sales/Employee	112,878	100,561	12.2%	111,319	1.4%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX MAY 1993

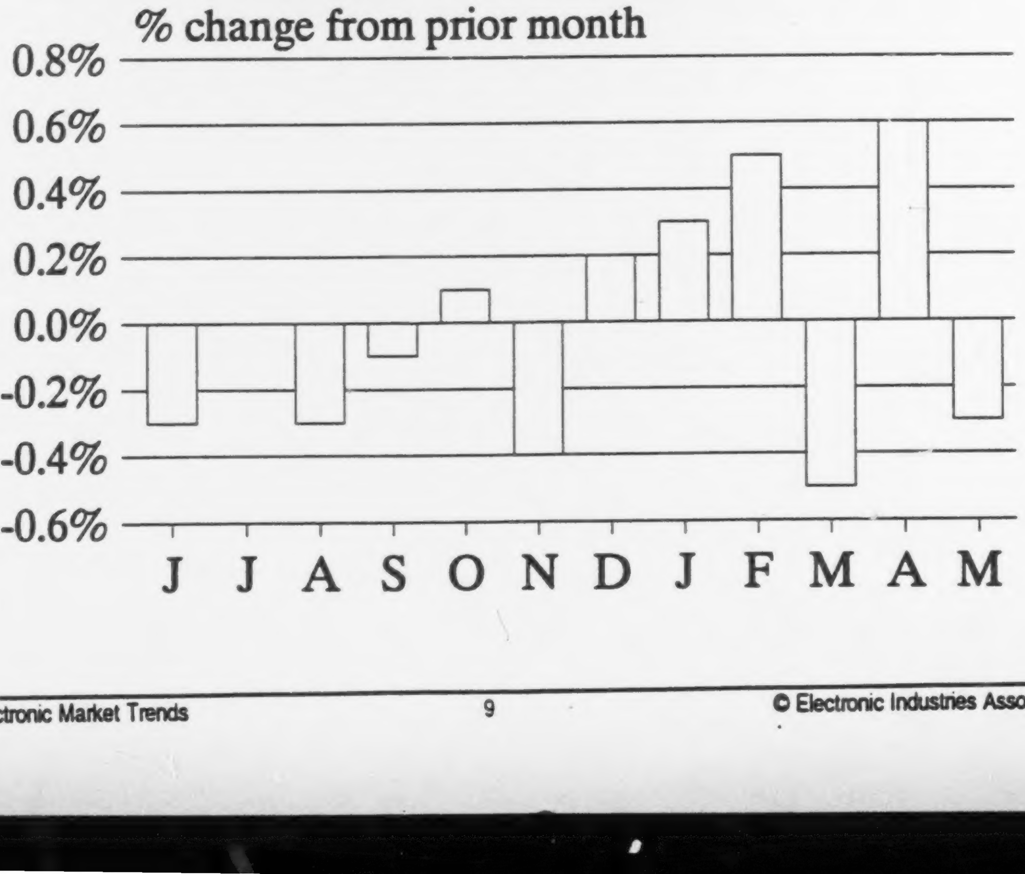
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**99.3**	**99.7**	**-0.3%**	**99.7**	**-0.3%**
CRTs	96.5	98.2	-1.7%	96.5	0.0%
Capacitors	98.2	100.5	-2.3%	98.1	0.1%
Resistors	97.4	99.1	-1.7%	99.0	-1.6%
Relays	110.8	110.1	0.7%	110.8	0.0%
Switches	106.8	101.3	5.4%	106.8	0.0%
Connectors	119.9	106.6	12.5%	123.5	-2.9%
Filters	109.5	105.3	3.9%	109.5	0.0%
Antennae	89.4	90.3	-1.0%	90.1	-0.7%
Diodes	99.8	99.7	0.1%	99.8	0.0%
Transistors	99.2	97.3	2.0%	99.8	-0.6%
Semiconductors	93.6	95.7	-2.3%	93.5	0.1%
Printed Circuits	96.9	99.1	-2.2%	98.3	-1.3%
Electronic Wire	101.2	99.8	1.4%	101.0	0.1%

Electronic Components
All Employees April 1993



Electronic Components
Composite Price Index May 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**813**	**812**	**0.2%**	**690**	**696**	**-0.7%**	**3,544**	**3,512**	**0.9%**
Inventory	1,187	1,161	2.2%	1,274	1,492	-14.6%	n/a	n/a	
Inv/Sales Ratio	1.46	1.43	2.0%	1.85	2.14	-13.9%	n/a	n/a	

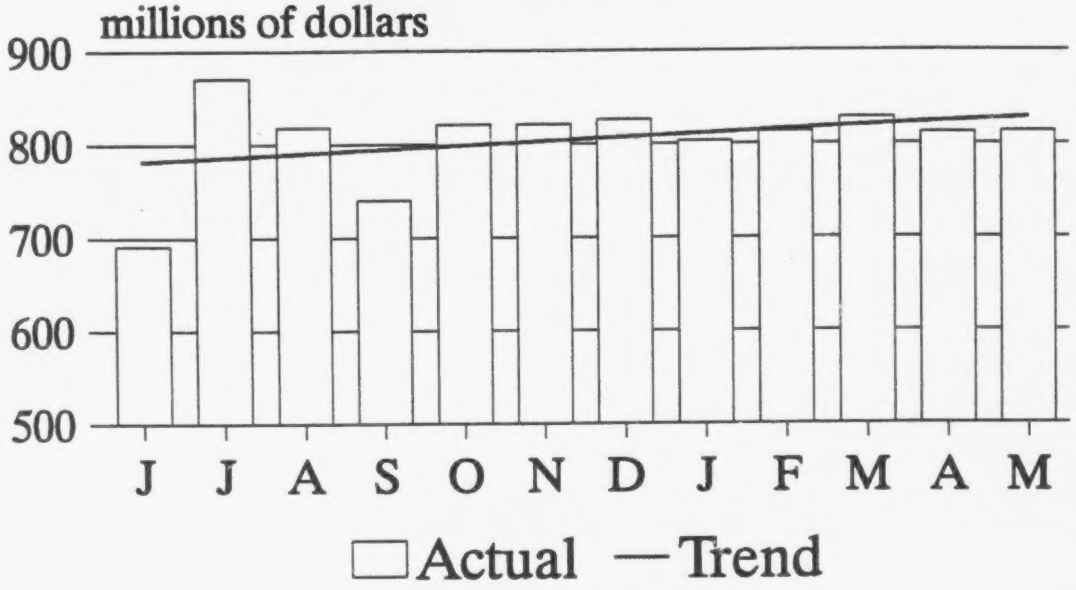
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS MAY 1993

(not seasonally adjusted millions of dollars)

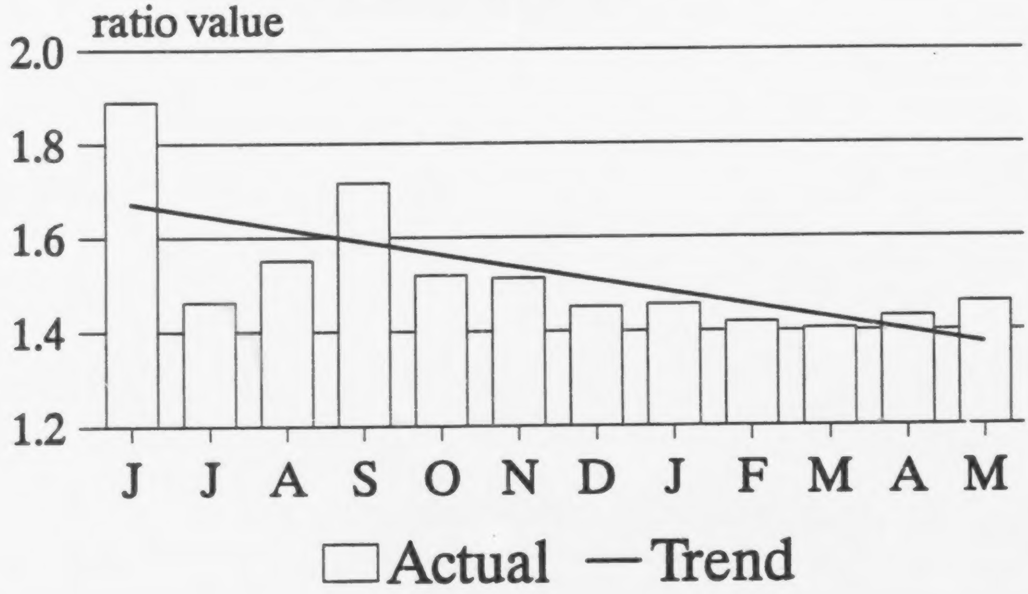
	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**829**	**791**	**4.8%**	**4,546**	**4,142**	**9.8%**
Color TVs	380	381	-0.2%	2,291	2,092	9.5%
Projection TV	36	31	17.1%	244	208	17.1%
TV/VCR	35	25	n/a	177	123	n/a
VCR Decks	190	177	7.6%	981	979	0.2%
Camcorders	152	145	5.0%	660	561	17.6%
Other	36	33	8.2%	192	178	8.2%
Audio Products	**817**	**734**	**11.3%**	**3,802**	**3,593**	**5.8%**
Portable	159	151	5.1%	820	791	3.6%
Home Components	110	107	2.6%	565	574	-1.5%
Autosound	449	402	11.6%	1,932	1,802	7.2%
Audio Systems	99	73	n/a	485	426	13.9%
Home Information Equipment	871	872	-0.1%	4,447	4,340	2.5%
Blank Media and Accessories	326	313	4.3%	1,654	1,536	7.7%
Total	**2,844**	**2,709**	**5.0%**	**14,450**	**13,611**	**6.2%**

Domestically Produced Consumer Electronics
U.S. Factory Trends May 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,566	1,827	-14.3%	1,225	1,176	4.2%	4,549	4,538	0.2%
Exports	239	286	-16.4%	231	237	-2.5%	1,005	971	3.5%
Balance	(1,327)	(1,541)	-13.9%	(994)	(939)	5.9%	(3,544)	(3,567)	-0.6%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	2,126	2,136	-0.5%	Canada	263	247	6.6%
Mexico	532	461	15.3%	Mexico	157	154	1.8%
Malaysia	519	422	23.0%	Japan	73	97	-25.3%
S. Korea	446	469	-5.0%	Taiwan	50	48	5.1%
China	271	293	-7.5%	Germany	41	37	10.3%
Singapore	155	207	-25.0%	U.K.	41	34	20.0%
Taiwan	136	205	-33.6%	Hong Kong	30	26	17.6%
Thailand	113	138	-17.8%	Netherlands	30	38	-22.2%
Indonesia	62	34	n/a	Venezuela	23	22	7.0%
Brazil	44	n/a	n/a	S. Korea	23	n/a	n/a
Other	144	171	-15.9%	Other	276	270	2.3%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY APRIL 1993

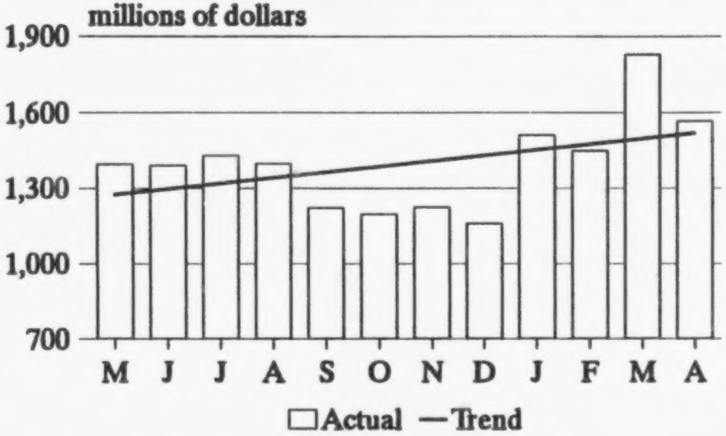
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	151,907	31,979	(119,929)	668,705	154,848	(513,857)
Monochrome TV Receivers	10,834	4,721	(6,113)	30,245	18,888	(11,358)
VCR Decks	182,421	13,830	(168,591)	714,166	54,007	(660,159)
Camcorders	131,845	0	(131,845)	392,617	0	(392,617)
Videocassette Players	7,835	0	(7,835)	32,293	0	(32,293)
Laserdisc Players	12,479	4,337	(8,142)	41,299	21,888	(19,411)
Portable Audio Equipment	60,152	6,573	(53,579)	216,727	28,857	(187,870)
Separate Audio Components	198,839	93,343	(105,496)	752,484	392,481	(360,003)
Home Radios	25,095	427	(24,668)	60,406	2,035	(58,371)
Home Radio/Tape Combinations	111,666	2,419	(109,248)	357,459	10,754	(346,704)
Autosound Equipment	126,074	29,502	(96,572)	484,440	116,337	(368,103)
Blank Media	62,847	27,093	(35,754)	251,867	127,827	(124,040)
Video Games	142,556	16,865	(125,691)	546,711	77,040	(469,671)
Total	**1,224,551**	**231,089**	**(993,462)**	**4,549,418**	**1,004,963**	**(3,544,456)**

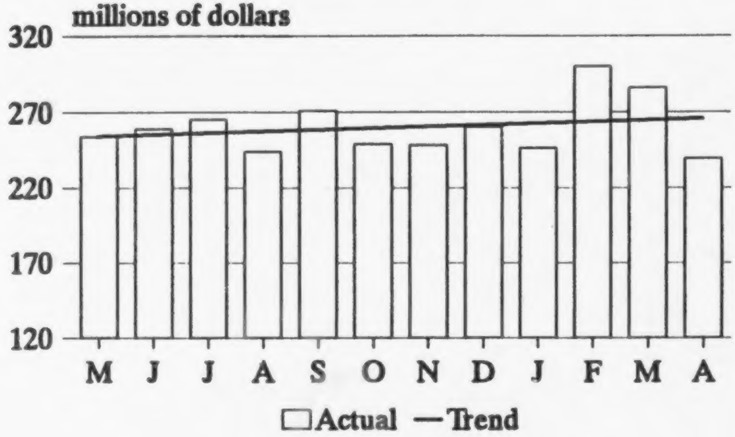
Consumer Electronics Trade Trends April 1993

(all data seasonally adjusted)

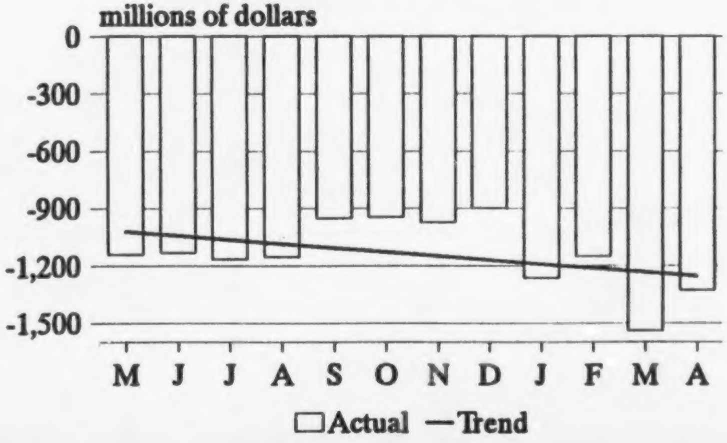
Imports



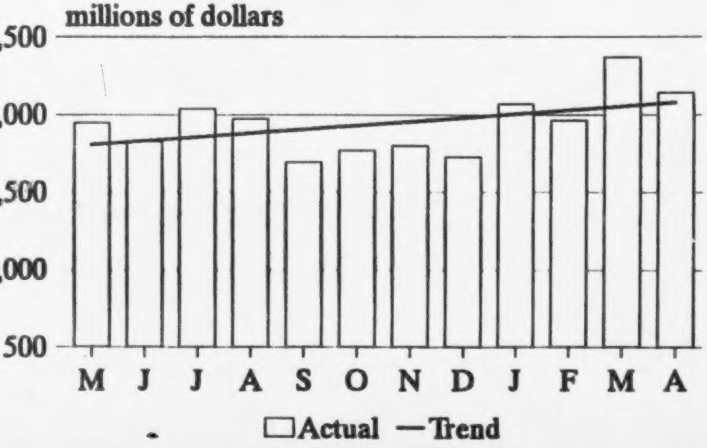
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

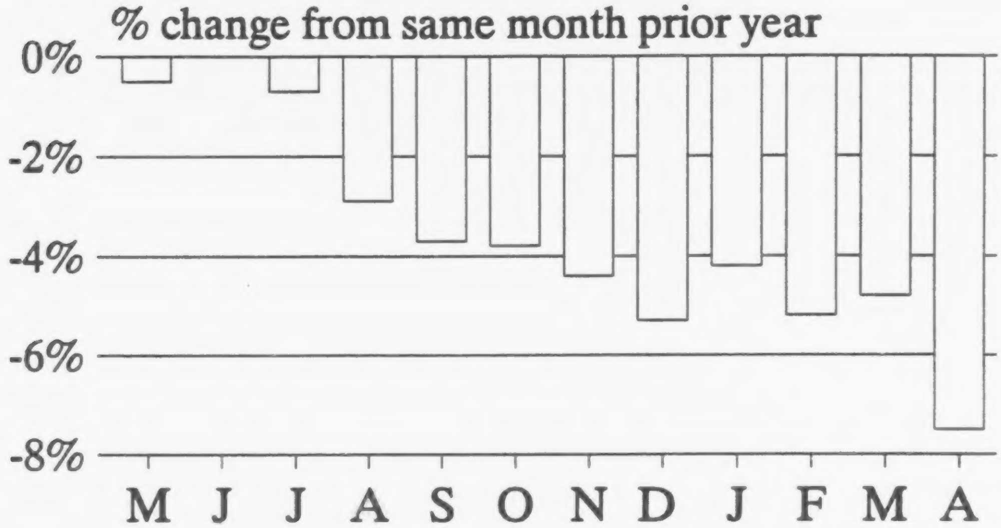
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	35.0	38.5	-9.1%	36.0	6.9%
All Employees	55.8	60.3	-7.5%	57.6	4.7%
Hourly Wage Index	116.0	117.7	-1.4%	115.7	1.7%
Annual Sales/Employee	162,319	141,683	14.6%	161,563	-12.3%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX MAY 1993

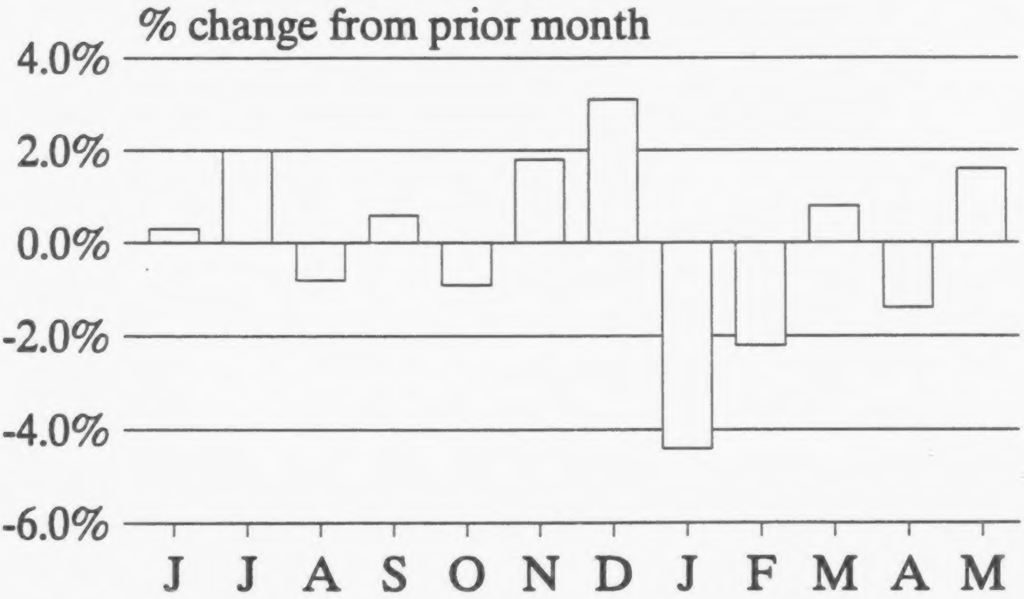
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**97.3**	**97.1**	**0.1%**	**95.7**	**1.6%**
Home Audio	77.8	83.2	-6.5%	78.8	-1.3%
Portable Audio	116.8	116.3	0.4%	121.0	-3.5%
Autosound	92.7	82.7	12.1%	87.7	5.7%
Audio Systems	119.9	91.6	30.9%	112.4	6.7%
Color TV	108.0	105.1	2.7%	102.0	5.9%
Projection TV	101.0	97.7	3.3%	102.0	-1.0%
VCR Decks	106.0	104.4	1.6%	103.0	2.9%
Camcorders	85.0	89.8	-5.3%	85.0	0.0%

Consumer Electronics
All Employees April 1993



Consumer Electronics
Composite Price Index May 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,249**	**3,195**	**1.7%**	**3,170**	**2,786**	**13.8%**	**15,149**	**13,686**	**10.7%**
New Orders	3,272	3,322	-1.5%	3,147	2,812	11.9%	14,755	13,586	8.6%
Production	3,438	3,333	3.2%	3,426	2,877	19.1%	16,174	13,888	16.5%
Inventory	7,767	7,578	2.5%	7,941	6,816	16.5%	n/a	n/a	
Unfilled Orders	11,078	11,055	0.2%	10,963	11,164	-1.8%	n/a	n/a	
Book/Bill Ratio	1.01	1.04	-3.1%	0.99	1.01	-1.7%	n/a	n/a	
Inv/Sales Ratio	2.39	2.37	0.8%	2.51	2.45	2.4%	n/a	n/a	
Unf/Sales Ratio	3.41	3.46	-1.5%	3.46	4.01	-13.7%	n/a	n/a	
Prod/Sales Ratio	1.06	1.04	1.4%	1.08	1.03	4.6%	n/a	n/a	

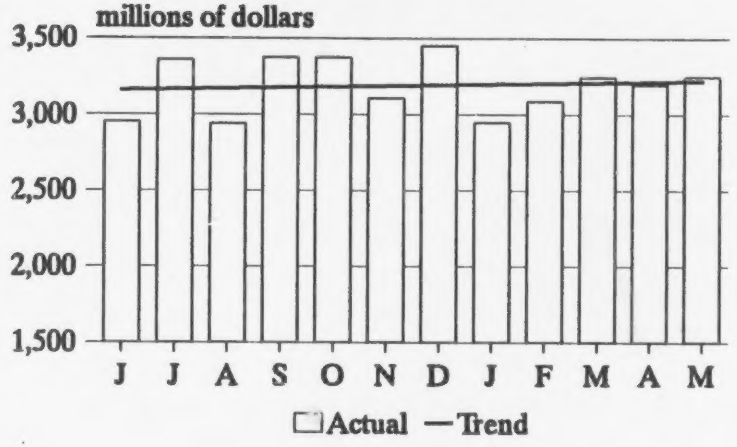
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 2% in May from prior month, up 11% YTD**
Orders	down	**New Orders down 2% in May, up 9% YTD**
Imports	up	**Imports up 13% from April 1992, up 11% YTD**
Exports	up	**Exports up 23% from April 1992, up 18% YTD**
Employment	down	**Total Employment, down 4% in April from prior year**
Wages	up	**Hourly Wages up 0.2% from April of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from May 1992**

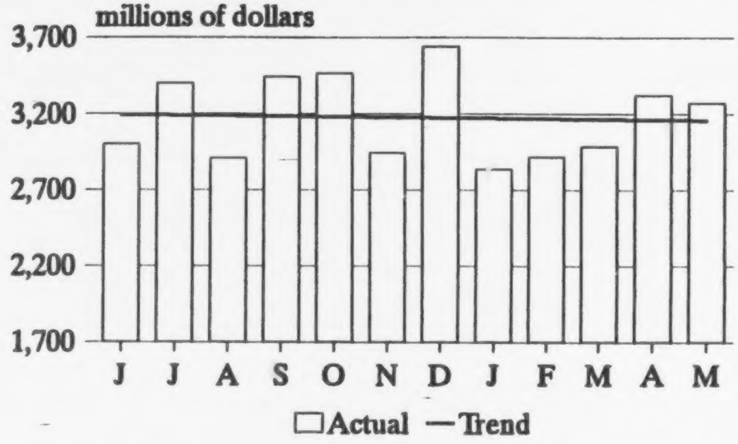
Telecommunications U.S Factory Trends May 1993

(all data seasonally adjusted)

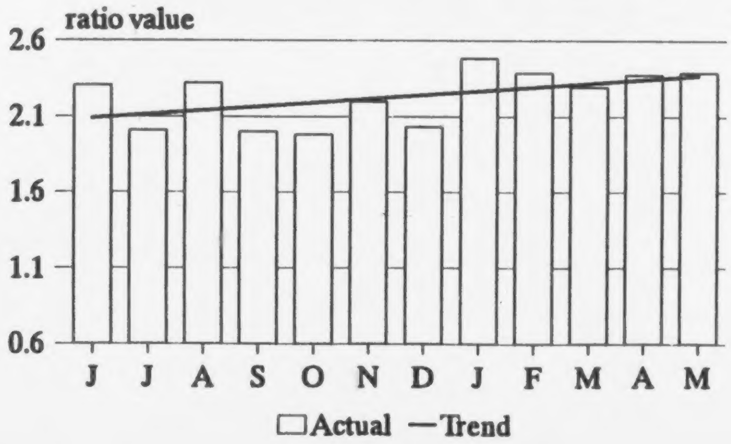
Factory Sales



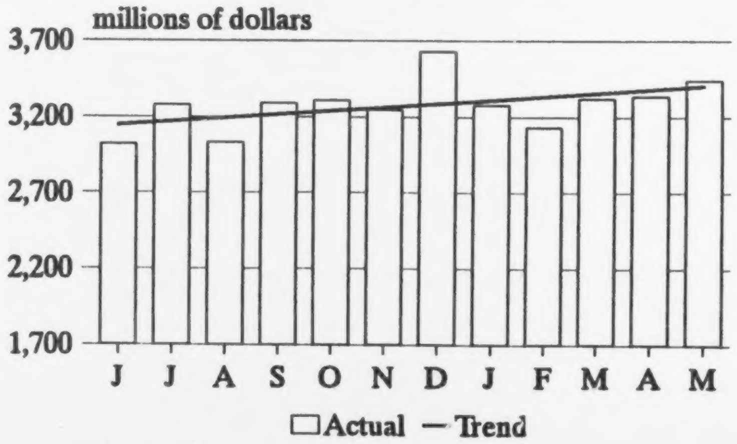
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	729	821	-11.2%	718	635	13.0%	2,819	2,538	11.1%
Exports	790	716	10.3%	751	609	23.2%	3,002	2,539	18.2%
Balance	61	(105)	n/a	33	(26)	n/a	183	1	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	935	962	-2.8%	Canada	512	396	29.4%
Canada	376	300	25.3%	Mexico	362	344	5.2%
China	209	152	36.9%	Japan	281	171	63.9%
Malaysia	201	209	-3.7%	U.K.	194	167	15.9%
Taiwan	162	182	-11.3%	China	138	n/a	n/a
Mexico	154	123	25.5%	Taiwan	133	103	28.8%
S. Korea	100	111	-10.4%	Germany	95	106	-10.4%
Thailand	98	99	-1.3%	France	79	n/a	n/a
Israel	96	n/a	n/a	S. Korea	77	91	-15.3%
Philippines	87	65	33.4%	Hong Kong	75	70	7.0%
Other	403	333	20.8%	Other	1,056	1,090	-3.1%

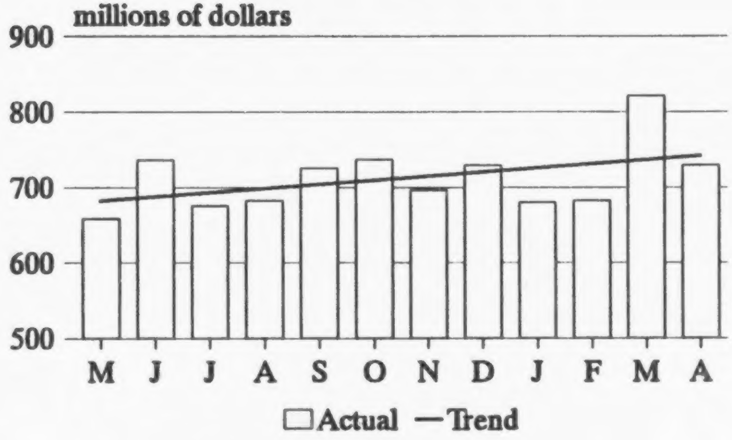
TELECOMMUNICATIONS PRODUCT TRADE SUMMARY APRIL 1993

(not seasonally adjusted thousands of dollars)

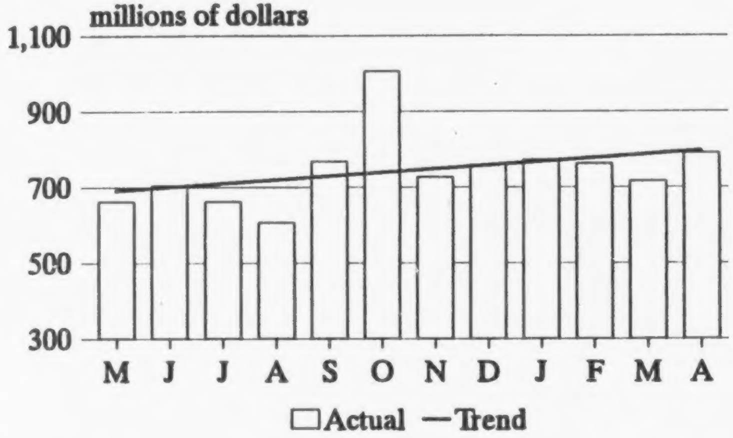
	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	97,072	17,965	(79,107)	351,837	74,033	(277,804)
Telephonic Apparatus and Parts	129,359	202,818	73,458	511,425	765,944	254,519
Telegraphic Apparatus and Parts	27,122	57,718	30,596	112,966	268,103	155,136
Radio Transmitters	6,023	33,014	26,991	25,848	111,604	85,757
Radio Receivers	16,448	27,716	11,267	72,377	94,349	21,972
Radio Transceivers	57,122	98,178	41,056	214,811	360,218	145,407
Telephone Answering Devices	21,597	9,324	(12,273)	89,190	46,058	(43,132)
TV Transmission/Reception App.	135,182	155,725	20,544	549,641	677,727	128,085
Cellular Telephones	35,197	56,431	21,234	144,406	231,612	87,205
Facsimile Machines	74,814	0	(74,814)	340,399	0	(340,399)
Cordless Telephones	78,273	11,718	(66,555)	272,305	51,296	(221,009)
Modems	14,640	37,462	22,821	53,365	149,817	96,452
Paging Alert Devices	11,443	119	(11,324)	30,999	203	(30,796)
Fiber Optic Cable	2,524	14,998	12,474	22,232	54,908	32,676
Other Cable and Parts	10,977	27,351	16,374	26,567	116,698	90,131
Total	**717,793**	**750,536**	**32,743**	**2,818,368**	**3,002,568**	**184,200**

Telecommunications Trade Trends April 1993

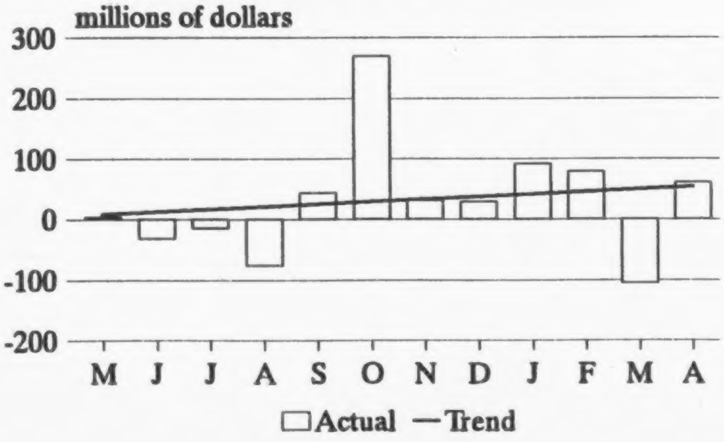
(all data seasonally adjusted)



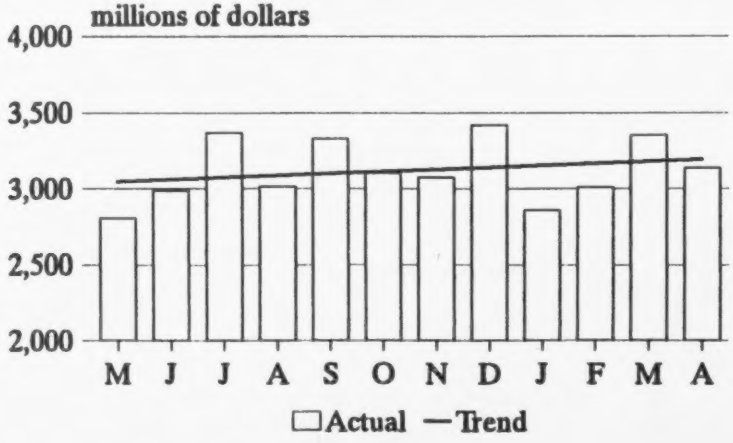
Imports



Exports



Balance of Trade



Consumption

TELECOMMUNICATIONS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

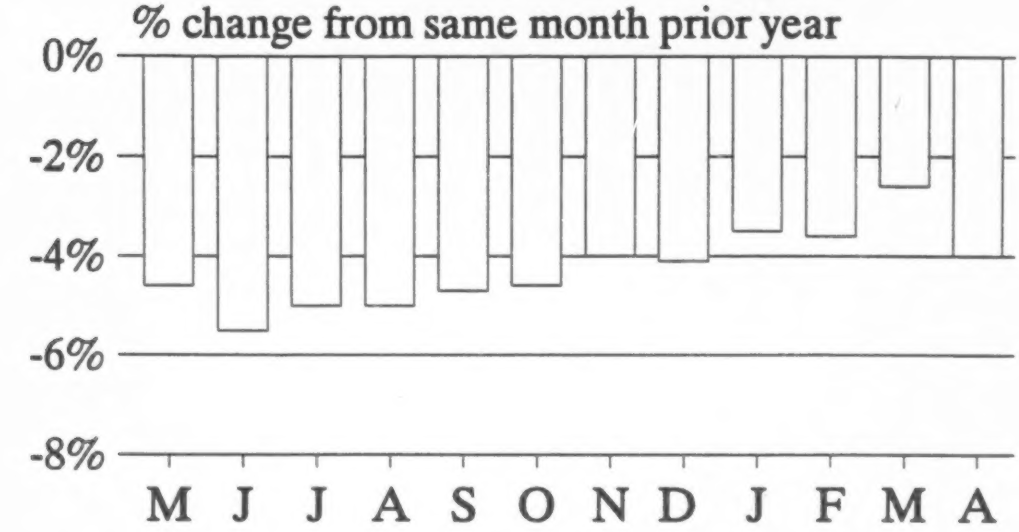
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	**118.9**	**122.2**	**-2.7%**	**122.2**	**-2.7%**
Telephone Equipment	59.0	61.3	-3.8%	62.5	-5.6%
Other	59.9	60.9	-1.6%	59.7	0.3%
All Employees	**232.1**	**241.8**	**-4.0%**	**237.0**	**-2.1%**
Telephone Equipment	106.2	112.6	-5.7%	111.0	-4.3%
Other	125.9	129.2	-2.6%	126.0	-0.1%
Hourly Wage Index	108.7	108.5	0.2%	108.2	0.4%
Annual Sales/Employee	120,979	102,437	18.1%	119,260	1.4%

TELECOMMUNICATIONS PRODUCER PRICE INDEX MAY 1993

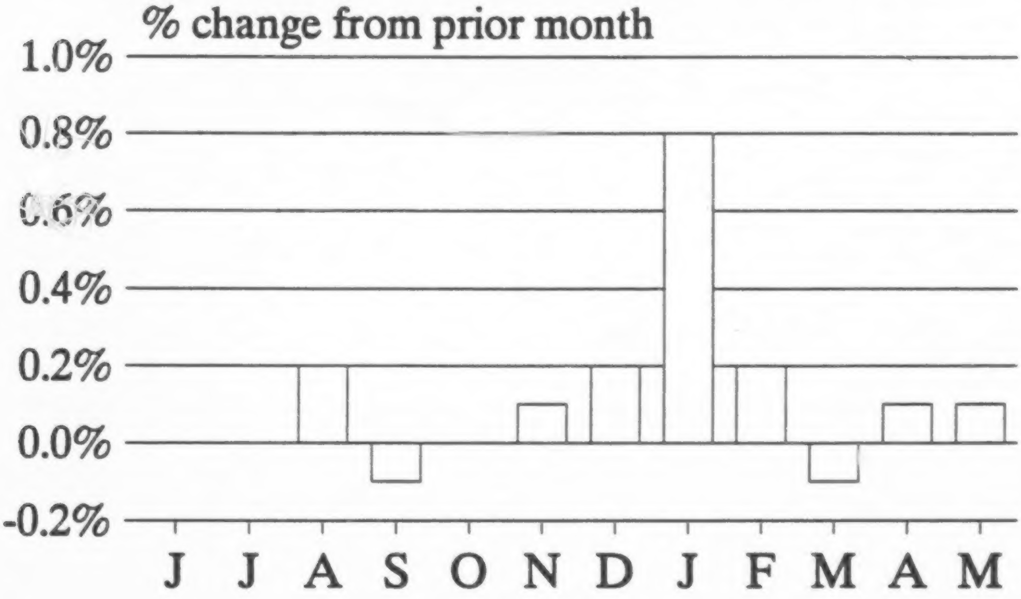
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**104.9**	**103.3**	**1.6%**	**104.8**	**0.1%**
Line Transmission	100.1	98.6	1.5%	99.0	1.1%
Switching Equipment	105.0	104.6	0.4%	105.0	0.0%
Telephone Sets	92.2	94.1	-2.0%	91.2	1.1%
Other Telephone	107.7	101.8	5.8%	108.0	-0.3%
Broadcast Equipment	103.9	102.8	1.1%	103.8	0.2%
Mobile Communications	106.7	105.0	1.7%	106.8	-0.1%
Intercom Systems	102.2	101.3	1.0%	102.8	-0.6%
Fiber Optic Cable	100.7	104.0	-3.2%	101.8	-1.0%

Telecommunications
All Employees April 1993



Telecommunications
Composite Price Index May 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,558**	**2,469**	**3.6%**	**2,520**	**2,550**	**-1.2%**	**12,053**	**12,634**	**-4.6%**
New Orders	2,184	3,265	n/a	1,896	2,079	-8.8%	11,788	11,193	5.3%
Production	2,460	2,413	2.0%	2,416	2,493	-3.1%	11,752	12,355	-4.9%
Inventory	6,000	6,098	-1.6%	6,046	7,401	-18.3%	n/a	n/a	
Unfilled Orders	34,896	35,392	-1.4%	34,643	36,049	-3.9%	n/a	n/a	
Book/Bill Ratio	0.85	1.32	n/a	0.75	0.82	-7.7%	n/a	n/a	
Inv/Sales Ratio	2.35	2.47	-5.0%	2.40	2.90	-17.3%	n/a	n/a	
Unf/Sales Ratio	13.64	14.33	-4.8%	13.75	14.13	-2.7%	n/a	n/a	
Prod/Sales Ratio	0.96	0.98	-1.6%	0.96	0.98	-1.9%	n/a	n/a	

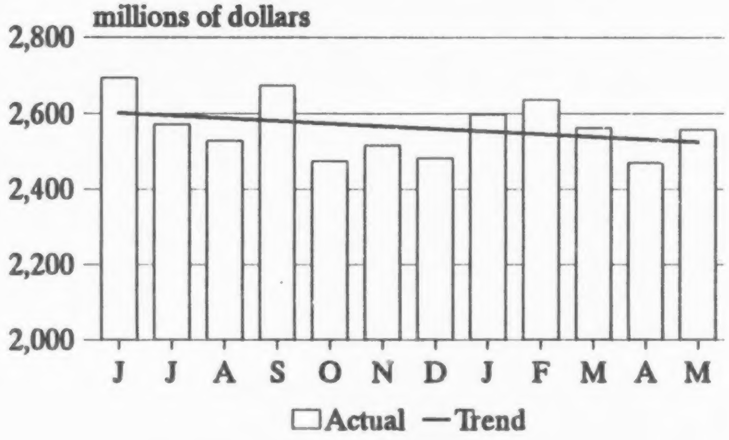
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 4% in May from prior month, down 5% YTD**
Orders	up	**New Orders down sharply in May, up 5% YTD**
Imports	down	**Imports down 15% from April 1992, down 7% YTD**
Exports	up	**Exports up 3% from April 1992, down 2% YTD**
Employment	down	**Total Employment, down 16% in April from prior year**
Wages	up	**Hourly Wages up 3% from April of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from May 1992**

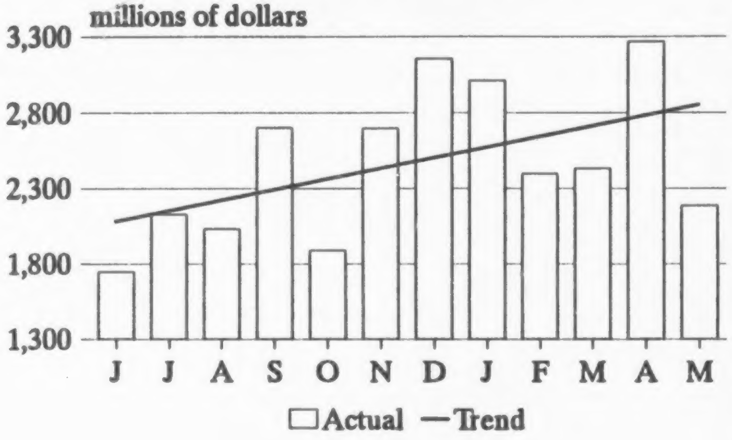
Defense Communications U.S Factory Trends May 1993

(all data seasonally adjusted)

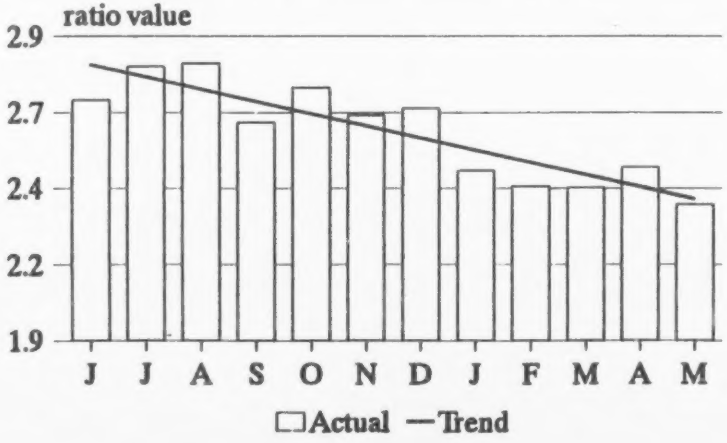
Factory Sales



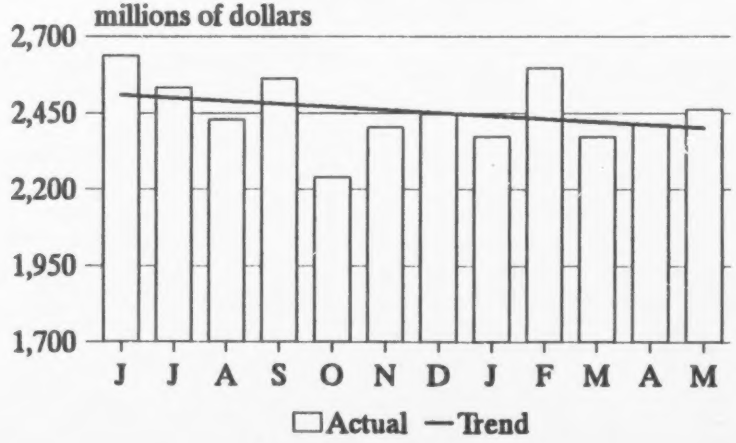
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	78	95	-17.9%	83	98	-15.3%	339	364	-7.0%
Exports	202	198	2.0%	202	197	2.5%	797	813	-2.0%
Balance	124	103	20.4%	119	99	20.2%	458	449	2.1%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Canada	60	63	-4.9%	Canada	86	93	-7.9%
Japan	44	55	-20.7%	Japan	84	104	-19.5%
Taiwan	35	29	20.1%	U.K.	71	66	7.4%
U.K.	33	49	-32.7%	Taiwan	63	30	n/a
Mexico	32	28	13.9%	France	54	69	-21.9%
China	29	11	n/a	Germany	45	26	74.3%
France	25	34	-26.3%	Netherlands	42	48	-13.2%
Israel	15	13	15.8%	Egypt	39	n/a	n/a
S. Korea	14	16	-12.5%	Israel	35	n/a	n/a
Germany	10	24	-56.5%	S. Korea	30	33	-8.2%
Other	42	42	-0.3%	Other	248	344	-27.8%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY APRIL 1993

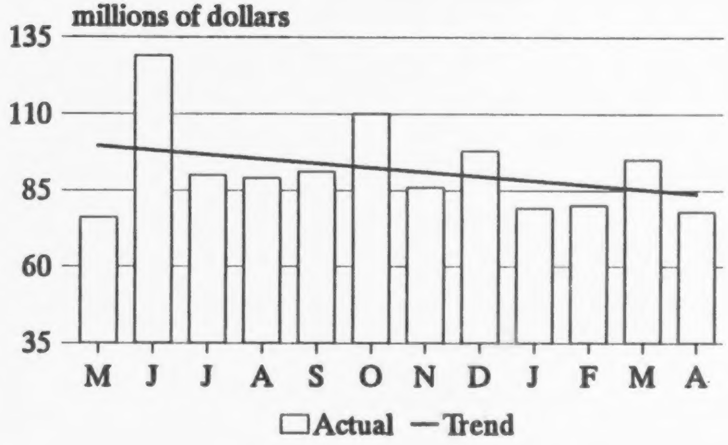
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	25,961	16,998	(8,963)	104,919	68,153	(36,766)
Sound/Sight Signaling App	1,688	6,203	4,515	5,251	18,422	13,172
Radar/Radio Navigational Equip	54,255	177,312	123,057	226,134	703,502	477,368
Meteorological/Geophysical App	626	1,877	1,251	2,201	6,770	4,569
Total	**82,530**	**202,390**	**119,860**	**338,505**	**796,847**	**458,343**

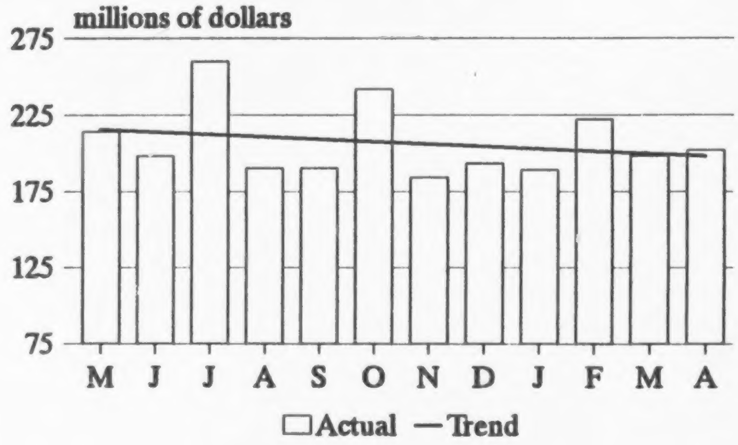
Defense Communications Trade Trends April 1993

(all data seasonally adjusted)

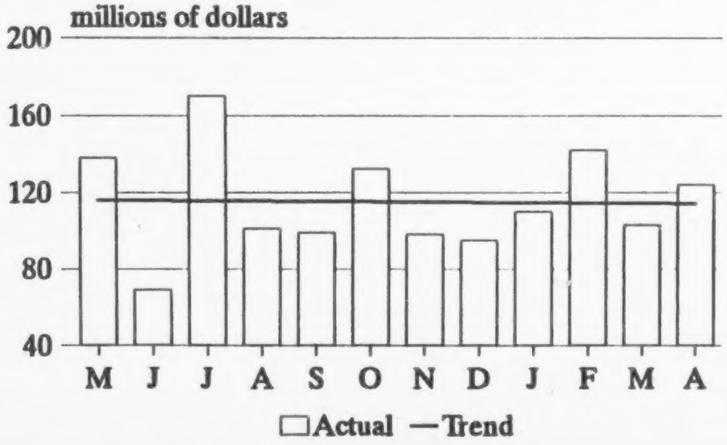
Imports



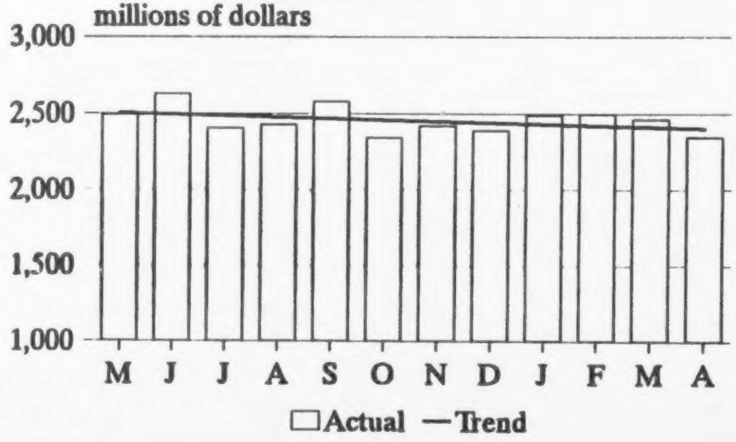
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

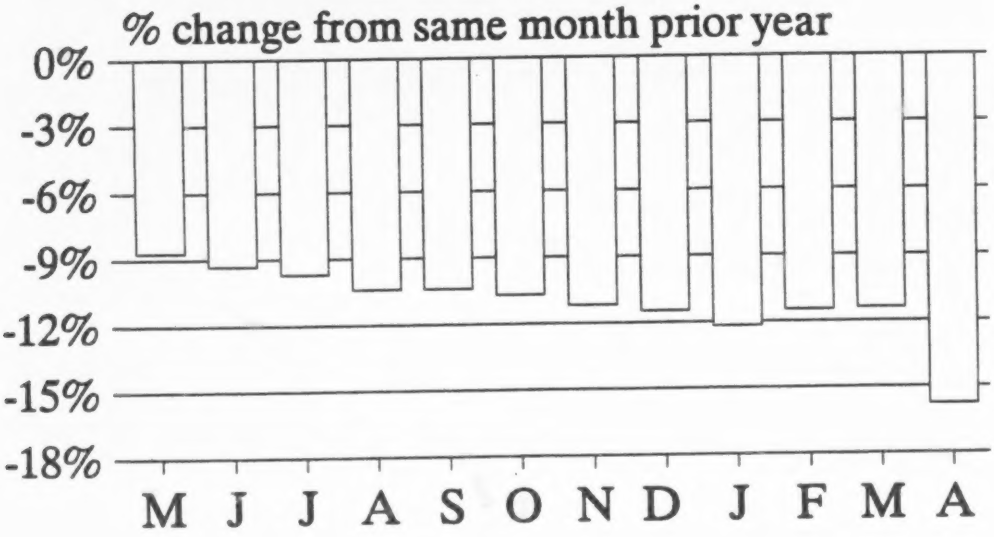
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	66.1	77.3	-14.5%	69.8	-5.3%
All Employees	206.3	245.0	-15.8%	219.4	-6.0%
Hourly Wage Index	122.2	119.2	2.6%	122.4	-0.2%
Annual Sales/Employee	135,221	131,343	3.0%	134,321	0.7%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX MAY 1993

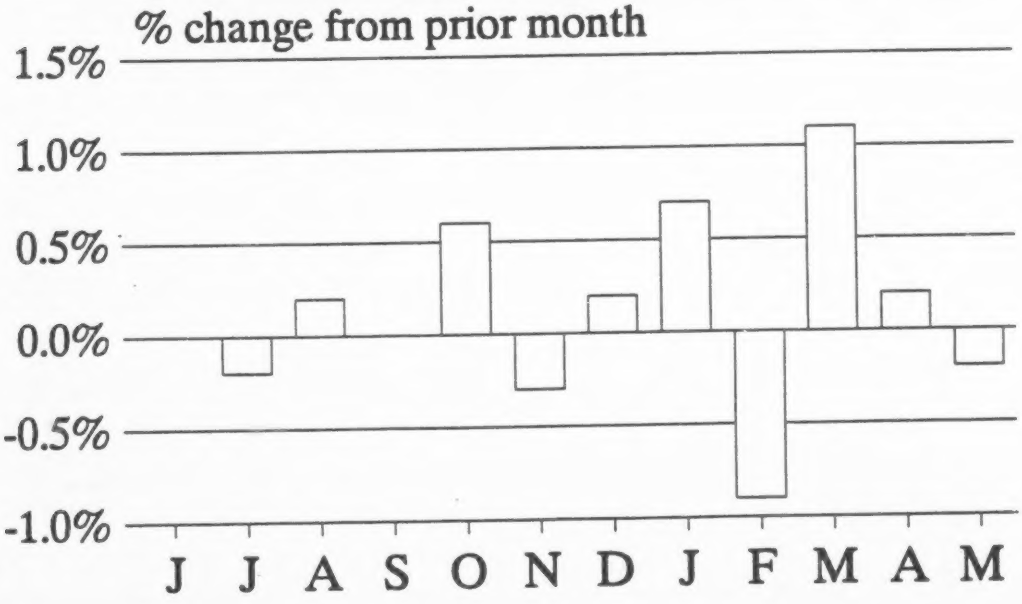
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**100.2**	**98.8**	**1.5%**	**100.4**	**-0.2%**
Navigation Systems	103.1	101.4	1.7%	103.2	-0.1%
Radar Equipment	103.5	101.3	2.2%	103.9	-0.4%
Defense Electronics	95.8	95.3	0.5%	95.8	0.0%

Defense Communications
All Employees April 1993



Defense Communications
Composite Price Index May 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,101**	**5,050**	**1.0%**	**4,457**	**4,037**	**10.4%**	**23,876**	**20,452**	**16.7%**
New Orders	5,599	5,257	6.5%	5,276	4,360	21.0%	28,224	21,026	n/a
Production	5,307	5,129	3.5%	4,434	4,235	4.7%	24,345	21,175	15.0%
Inventory	8,148	7,941	2.6%	7,918	8,155	-2.9%	n/a	n/a	
Unfilled Orders	6,677	6,452	3.5%	6,913	7,194	-3.9%	n/a	n/a	
Book/Bill Ratio	1.10	1.04	5.4%	1.18	1.08	9.6%	n/a	n/a	
Inv/Sales Ratio	1.60	1.57	1.6%	1.78	2.02	-12.0%	n/a	n/a	
Unf/Sales Ratio	1.31	1.28	2.5%	1.55	1.78	-13.0%	n/a	n/a	
Prod/Sales Ratio	1.04	1.02	2.4%	0.99	1.05	-5.2%	n/a	n/a	

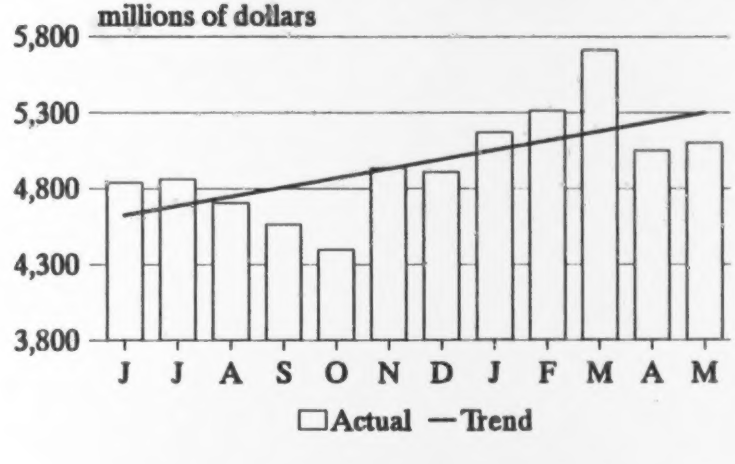
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 1% in May from prior month, up 17% YTD**
Orders	up	**New Orders up 7% in May, up sharply YTD**
Imports	up	**Imports up 25% from April 1992, up 27% YTD**
Exports	down	**Exports down 0.2% from April 1992, up 3% YTD**
Employment	down	**Total Employment, down 7% in April from prior year**
Wages	up	**Hourly Wages up 1% from April of last year**
Factory Prices	down	**Composite Producer Price Index down 12% from May 1992**

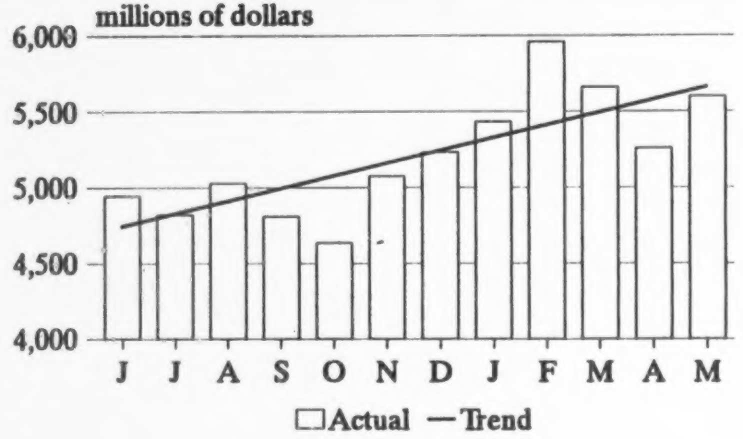
Computers & Peripherals U.S Factory Trends May 1993

(all data seasonally adjusted)

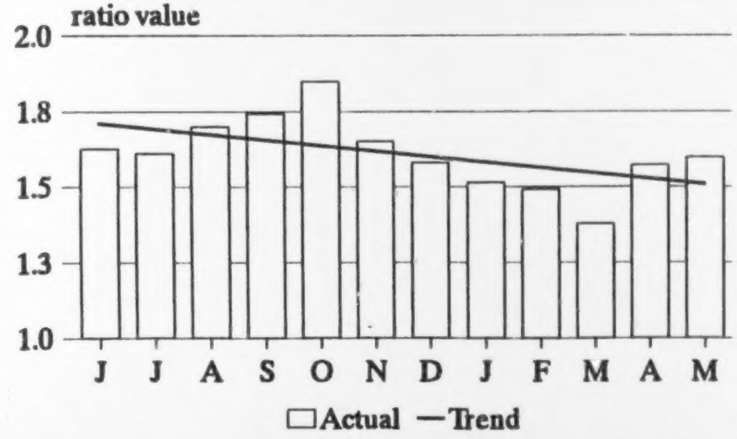
Factory Sales



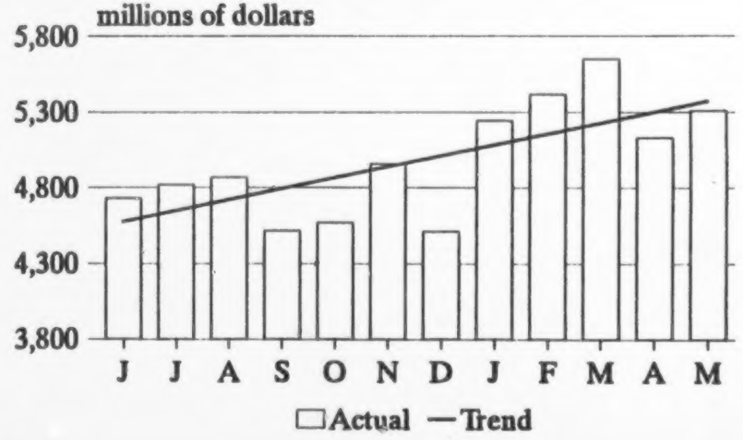
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	3,043	3,322	-8.4%	2,952	2,357	25.2%	11,693	9,227	26.7%
Exports	2,422	2,547	-4.9%	2,429	2,434	-0.2%	10,168	9,848	3.2%
Balance	(621)	(775)	-19.9%	(523)	77	n/a	(1,524)	621	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

	Year-to-Date						
	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	4,223	3,369	25.3%	Canada	1,642	1,486	10.6%
Singapore	1,977	1,500	31.8%	U.K.	1,091	1,026	6.3%
Taiwan	1,515	1,264	19.9%	Japan	1,045	1,293	-19.2%
Canada	689	657	4.8%	Germany	895	994	-10.0%
S. Korea	623	373	66.8%	Netherlands	818	630	29.7%
Malaysia	366	234	56.6%	Singapore	499	450	10.8%
Thailand	338	203	66.2%	Mexico	474	364	30.2%
Mexico	332	253	31.0%	France	441	496	-10.9%
U.K.	318	299	6.6%	Australia	292	320	-8.8%
Hong Kong	268	201	33.3%	Hong Kong	241	n/a	n/a
Other	1,044	873	19.5%	Other	2,730	2,789	-2.1%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY APRIL 1993

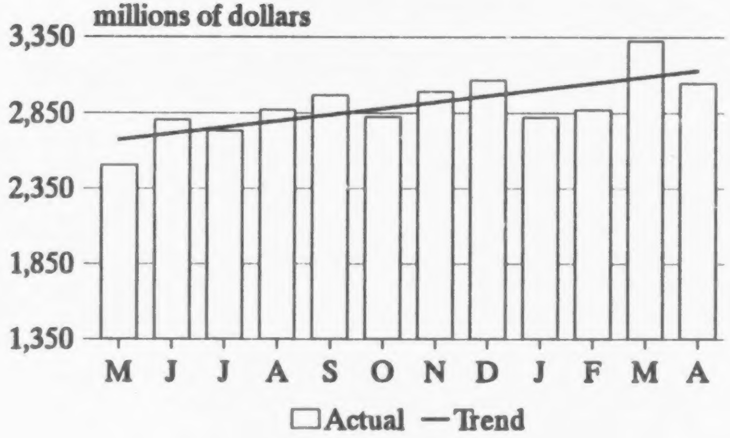
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	360,051	560,068	200,017	1,566,341	2,547,231	980,890
Monitors	397,713	55,377	(342,336)	1,491,263	225,706	(1,265,556)
Disk Drives and Blank Media	774,071	507,819	(266,252)	3,295,767	2,046,326	(1,249,441)
Printers	292,135	121,343	(170,793)	1,055,265	493,893	(561,372)
Other Computer Peripherals	76,617	89,832	13,215	286,971	372,185	85,214
Other Business Machines/Parts	1,050,998	1,094,664	43,665	3,995,843	4,483,161	487,318
Total	**2,951,586**	**2,429,102**	**(522,484)**	**11,691,450**	**10,168,502**	**(1,522,948)**

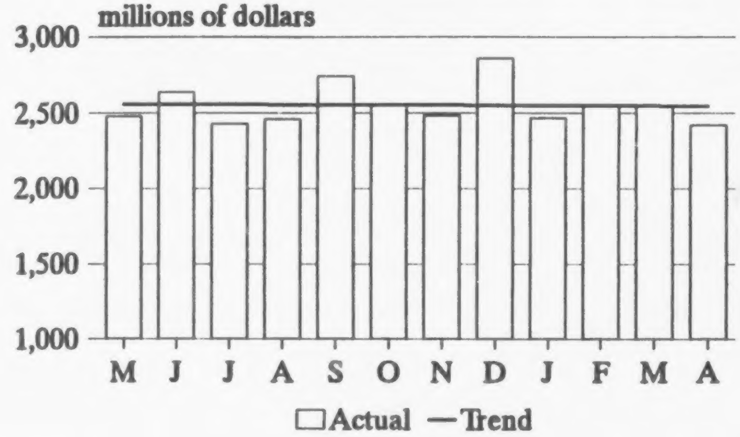
Computers & Peripherals Trade Trends April 1993

(all data seasonally adjusted)

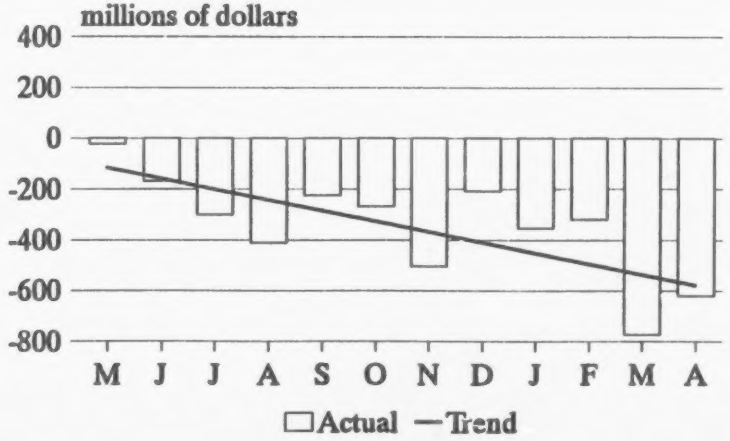
Imports



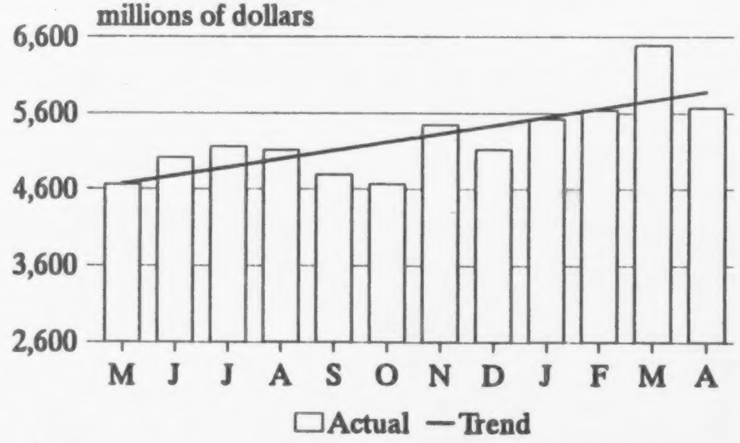
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

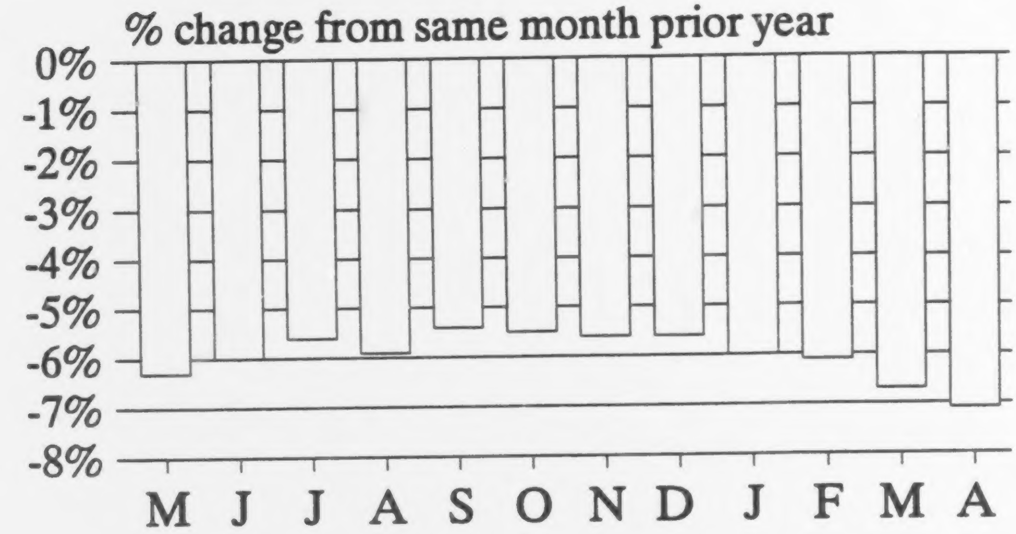
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	**123.7**	**129.1**	**-4.2%**	**124.8**	**-0.9%**
Computers	55.9	62.6	-10.7%	56.7	-1.4%
Other	67.8	66.5	2.0%	68.1	-0.4%
All Employees	**367.6**	**395.7**	**-7.1%**	**370.1**	**-0.7%**
Computers	216.8	245.4	-11.7%	218.8	-0.9%
Other	150.8	150.3	0.3%	151.3	-0.3%
Hourly Wage Index	116.9	115.4	1.3%	116.8	0.1%
Annual Sales/Employee	129,732	105,980	22.4%	127,986	1.4%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX MAY 1993

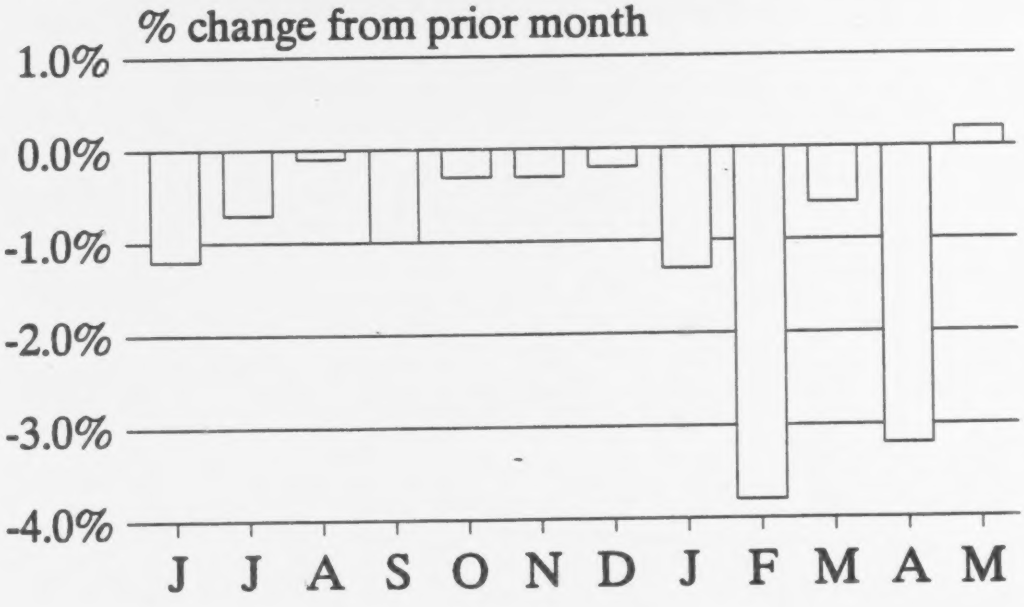
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**66.7**	**75.8**	**-11.9%**	**66.6**	**0.2%**
Computers	68.3	74.1	-7.8%	68.6	-0.3%
Serial Access Devices	86.8	n/a	n/a	86.0	0.9%
Hard Disks	102.9	100.7	2.2%	101.6	1.3%
Floppy Diskettes	89.0	95.2	-6.5%	89.9	-1.0%

Computers & Peripherals
All Employees April 1993



Computers & Peripherals
Composite Price Index May 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,304**	**2,291**	**0.6%**	**2,234**	**2,093**	**6.7%**	**10,926**	**10,517**	**3.9%**
New Orders	2,312	2,428	-4.7%	4,552	2,354	n/a	20,409	11,446	n/a
Production	2,326	2,305	0.9%	2,027	1,947	4.1%	10,431	9,597	8.7%
Inventory	4,662	4,641	0.5%	2,589	3,711	n/a	n/a	n/a	
Unfilled Orders	5,594	5,672	-1.4%	3,169	4,452	-28.8%	n/a	n/a	
Book/Bill Ratio	1.00	1.06	-5.3%	2.04	1.12	n/a	n/a	n/a	
Inv/Sales Ratio	2.02	2.03	-0.1%	1.16	1.77	n/a	n/a	n/a	
Unf/Sales Ratio	2.43	2.48	-1.9%	1.42	2.13	n/a	n/a	n/a	
Prod/Sales Ratio	1.01	1.01	0.3%	0.91	0.93	-2.4%	n/a	n/a	

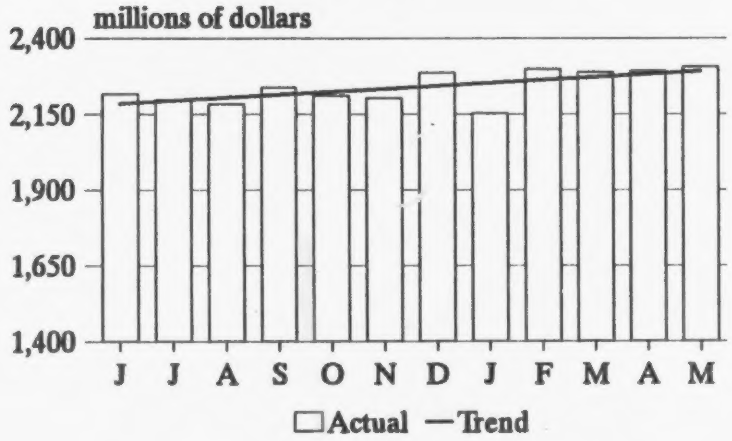
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 1% in May from prior month, up 4% YTD**
Orders	down	**New Orders down 5% in May, up sharply YTD**
Imports	up	**Imports up 29% from April 1992, up 22% YTD**
Exports	up	**Exports up 21% from April 1992, up 9% YTD**
Employment	down	**Total Employment, down 5% in April from prior year**
Wages	up	**Hourly Wages up 12% from April of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from May 1992**

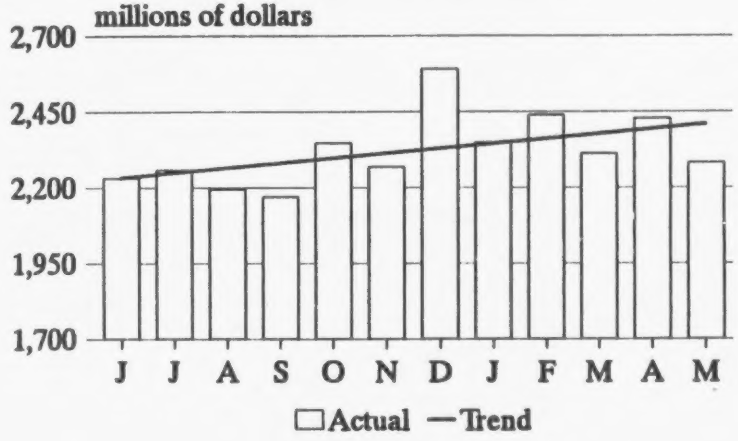
Industrial Electronics U.S Factory Trends May 1993

(all data seasonally adjusted)

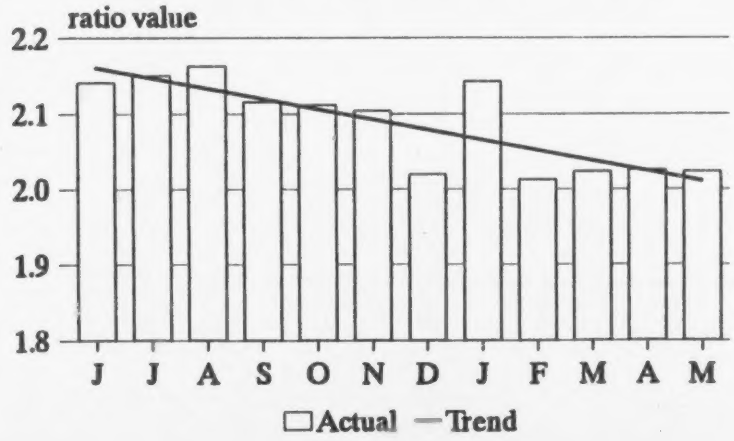
Factory Sales



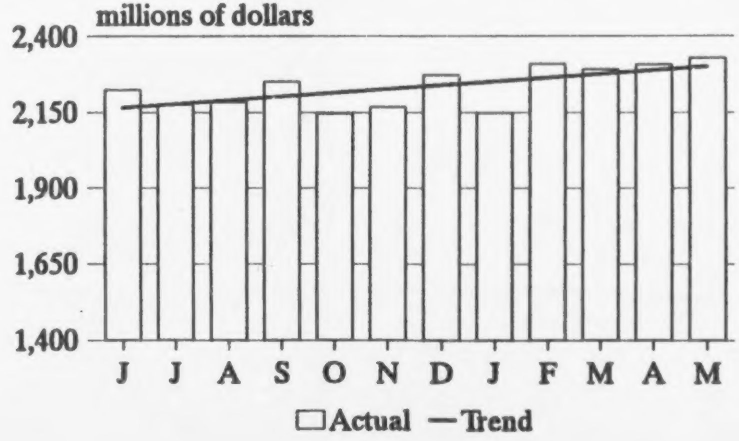
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	278	282	-1.4%	273	212	28.8%	1,046	857	22.0%
Exports	716	691	3.6%	697	575	21.2%	2,611	2,391	9.2%
Balance	438	409	7.1%	424	363	16.8%	1,565	1,533	2.1%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	379	236	60.2%	Canada	406	344	18.1%
Canada	138	118	17.0%	Japan	315	336	-6.4%
Germany	131	107	22.5%	U.K.	189	169	11.7%
U.K.	112	119	-6.0%	Germany	183	201	-9.0%
Mexico	57	60	-5.7%	Mexico	164	153	6.9%
France	35	33	6.1%	S. Korea	144	144	0.6%
Switzerland	27	25	10.2%	France	128	122	5.4%
Netherlands	20	24	-16.3%	Taiwan	109	101	8.2%
Taiwan	20	20	-2.3%	China	85	63	34.7%
Sweden	19	21	-7.4%	Italy	81	87	-6.6%
Other	108	94	14.9%	Other	807	671	20.1%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY APRIL 1993

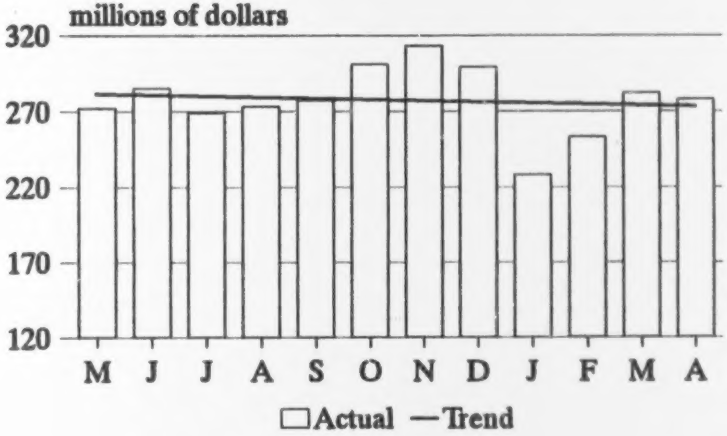
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	15,804	7,062	(8,742)	64,624	27,996	(36,628)
Testing/Analyzing Equip	46,456	187,259	140,803	168,770	732,767	563,997
Measuring/Analyzing Equip	65,643	210,764	145,121	278,441	817,470	539,029
Process/Control Devices	32,758	43,403	10,644	81,233	216,213	134,980
Other Electronic Machinery	112,472	202,286	89,814	453,104	687,802	234,699
Total	**273,134**	**650,774**	**377,640**	**1,046,172**	**2,482,250**	**1,436,077**

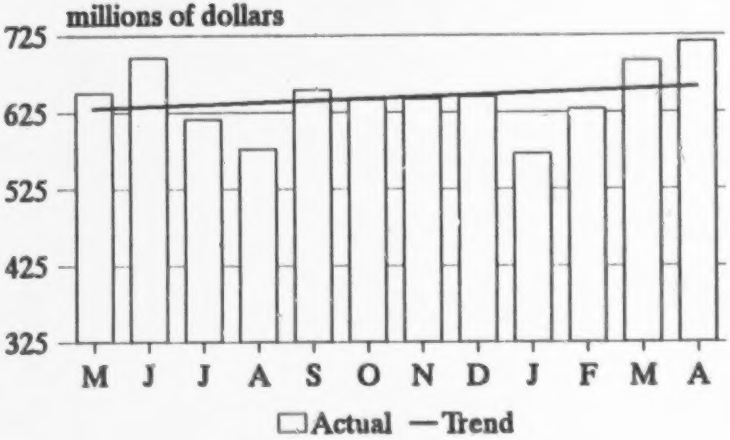
Industrial Electronics Trade Trends April 1993

(all data seasonally adjusted)

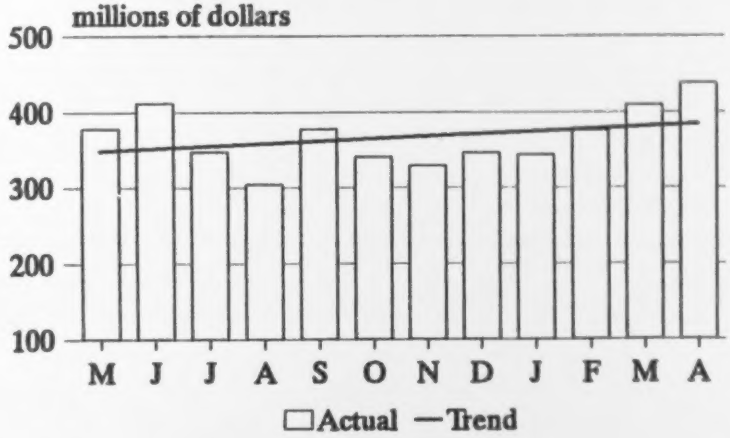
Imports



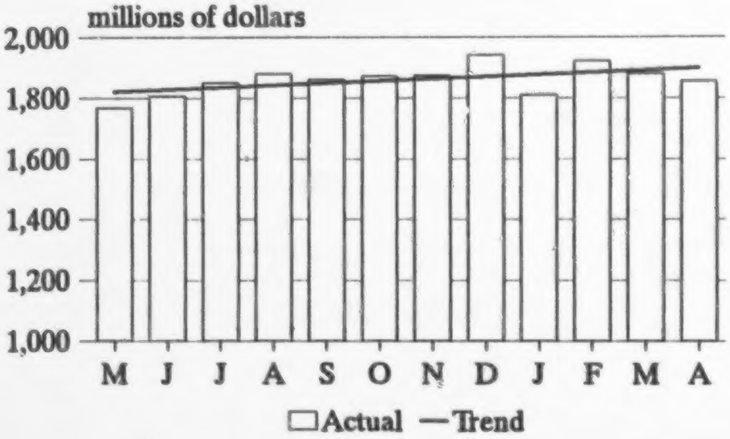
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

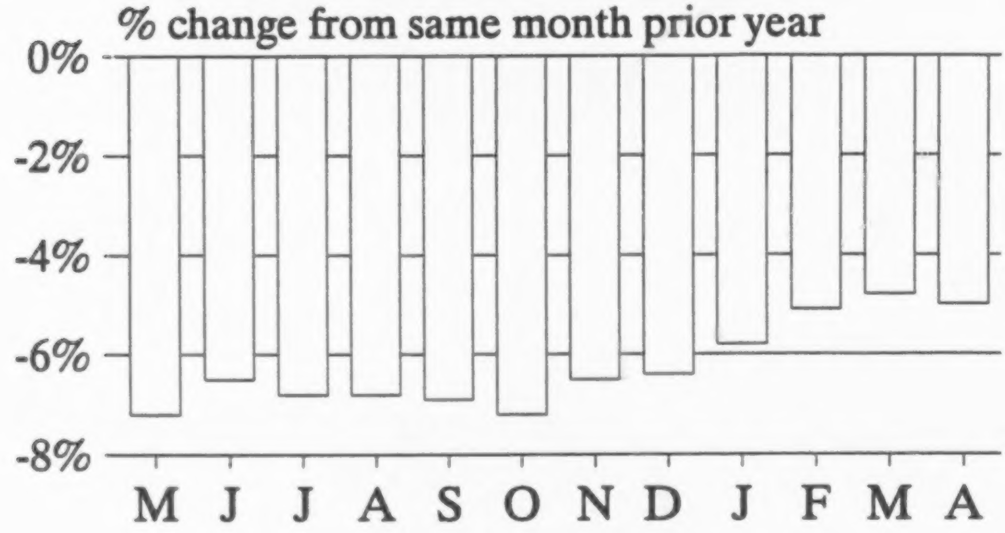
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	**109.3**	**119.3**	**-8.4%**	**111.0**	**-1.5%**
Process Controls	27.1	29.0	-6.6%	26.4	2.7%
Testing/Measuring	35.3	39.7	-11.1%	37.4	-5.6%
Other	46.9	50.6	-7.3%	47.2	-0.6%
All Employees	**220.4**	**231.9**	**-5.0%**	**223.2**	**-1.3%**
Process Controls	56.9	59.2	-3.9%	55.4	2.7%
Testing/Measuring	73.6	80.4	-8.5%	77.6	-5.2%
Other	89.9	92.3	-2.6%	90.2	-0.3%
Hourly Wage Index	128.4	114.3	12.3%	128.4	0.0%
Annual Sales/Employee	117,888	107,179	10.0%	116,972	0.8%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX MAY 1993

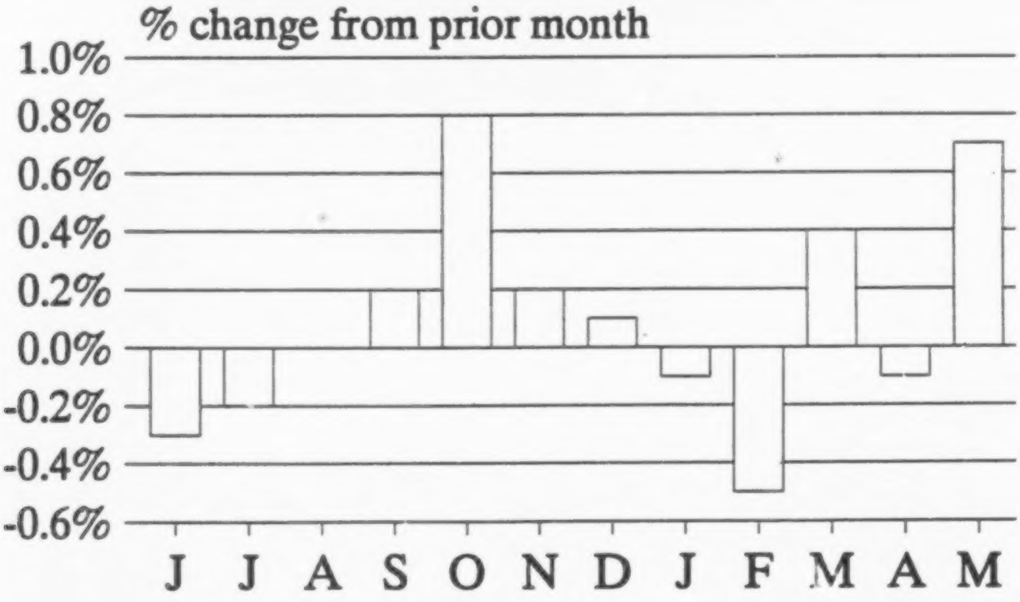
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**104.9**	**103.6**	**1.3%**	**104.1**	**0.7%**
Testing/Measuring	104.2	103.4	0.7%	102.7	1.4%
Nuclear Radiation	104.9	103.6	1.2%	104.9	0.0%
Process Controls	105.9	102.6	3.2%	105.8	0.0%
Other Equipment	104.9	104.5	0.4%	104.7	0.2%

Industrial Electronics
All Employees April 1993



Industrial Electronics
Composite Price Index May 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**628**	**647**	**-2.9%**	**611**	**637**	**-4.1%**	**3,194**	**3,212**	**-0.6%**
New Orders	643	617	4.2%	625	643	-2.7%	3,153	3,142	0.4%
Production	631	655	-3.6%	624	654	-4.6%	3,241	3,270	-0.9%
Inventory	1,425	1,422	0.2%	1,446	1,402	3.1%	n/a	n/a	
Unfilled Orders	1,853	1,838	0.8%	1,852	1,785	3.7%	n/a	n/a	
Book/Bill Ratio	1.02	0.95	7.3%	1.02	1.01	1.5%	n/a	n/a	
Inv/Sales Ratio	2.27	2.20	3.2%	2.37	2.20	7.5%	n/a	n/a	
Unf/Sales Ratio	2.95	2.84	3.8%	3.03	2.80	8.1%	n/a	n/a	
Prod/Sales Ratio	1.00	1.01	-0.7%	1.02	1.03	-0.6%	n/a	n/a	

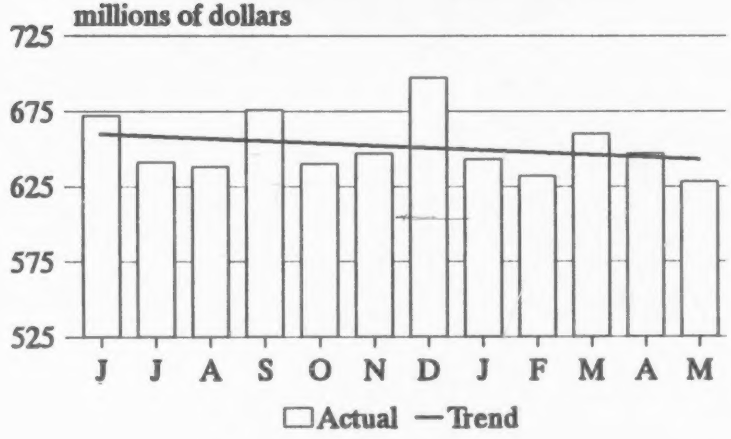
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	down	**Factory Sales down 3% in May from prior month, down 1% YTD**
Orders	up	**New Orders up 4% in May, up 0.4% YTD**
Imports	up	**Imports up 13% from April 1992, up 4% YTD**
Exports	up	**Exports up 9% from April 1992, up 8% YTD**
Employment	down	**Total Employment, down 1% in from April prior year**
Wages	up	**Hourly Wages up 1% from April of last year**
Factory Prices	down	**Composite Producer Price Index down 1% from May 1992**

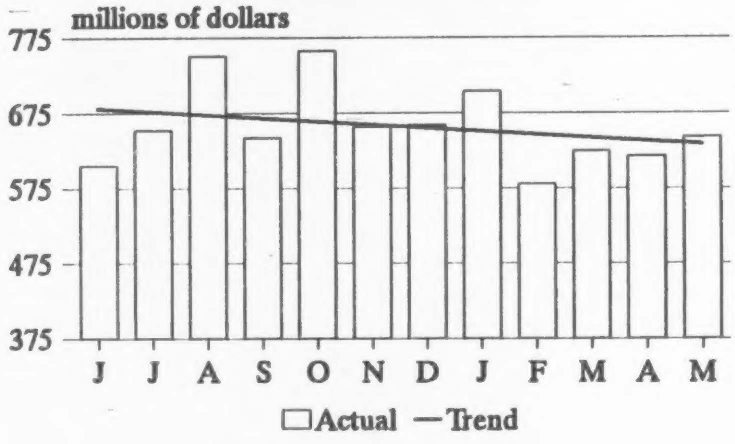
Electromedical Equipment U.S Factory Trends May 1993

(all data seasonally adjusted)

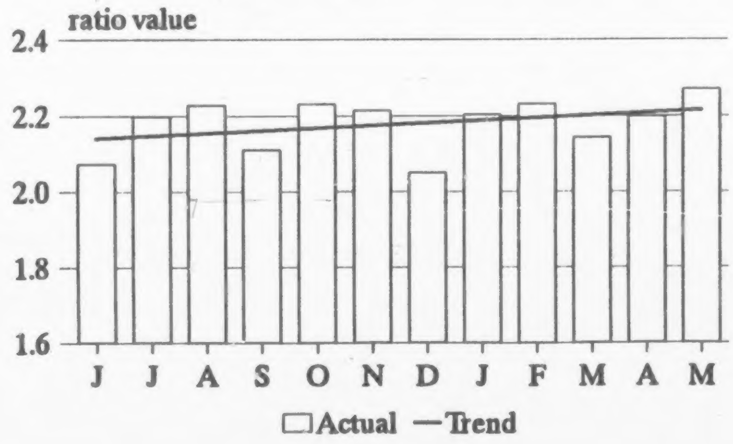
Factory Sales



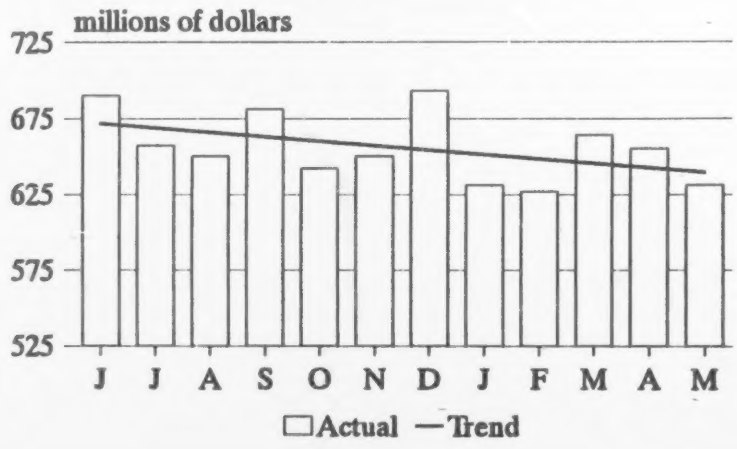
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY APRIL 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Apr-93	Mar-93	% ch.	Apr-93	Apr-92	% ch.	YTD-93	YTD-92	% ch.
Imports	206	211	-2.4%	200	177	13.0%	759	731	3.9%
Exports	290	328	-11.6%	295	271	8.9%	1,189	1,100	8.1%
Balance	84	117	-28.2%	95	94	1.1%	430	369	16.5%

ELECTROMEDICAL BILATERAL TRADE SUMMARY APRIL 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Apr-93	Apr-92	% ch.		Apr-93	Apr-92	% ch.
Japan	241	238	1.2%	Japan	191	166	15.0%
Germany	219	226	-2.9%	Germany	153	160	-4.4%
Netherlands	69	48	43.6%	Canada	104	99	4.9%
France	47	48	-2.3%	Netherlands	91	91	-0.7%
Mexico	33	32	2.2%	France	68	62	10.0%
U.K.	26	26	-0.2%	U.K.	63	57	10.5%
Singapore	15	n/a	n/a	Mexico	53	40	33.5%
Sweden	14	10	46.1%	Australia	36	32	11.7%
Israel	12	11	5.6%	Belgium	35	n/a	n/a
Canada	10	9	15.5%	Italy	32	49	-35.9%
Other	73	83	-11.9%	Other	365	344	6.1%

ELECTROMEDICAL PRODUCT TRADE SUMMARY APRIL 1993

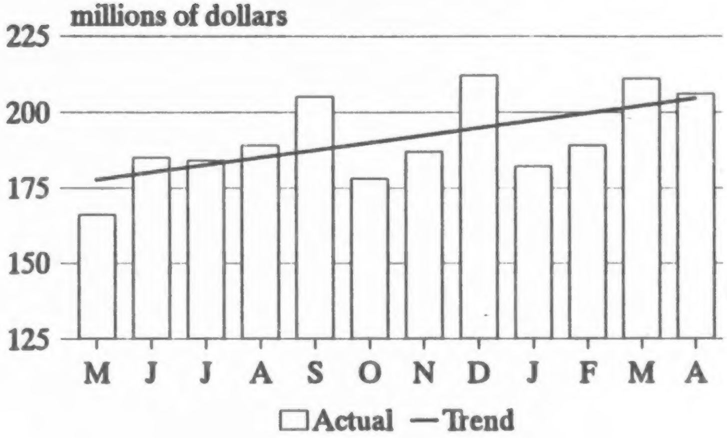
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	108,995	228,249	119,254	417,480	891,071	473,591
X-Ray and Related Equip	90,550	66,820	(23,730)	341,534	298,230	(43,305)
Total	**199,545**	**295,069**	**95,524**	**759,015**	**1,189,301**	**430,287**

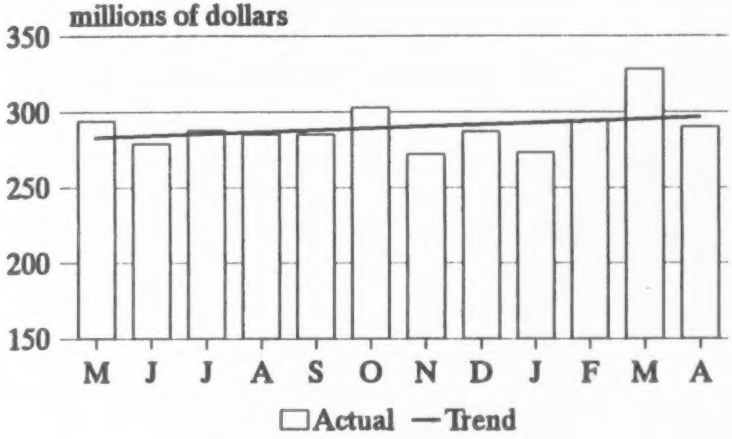
Electromedical Equipment Trade Trends April 1993

(all data seasonally adjusted)

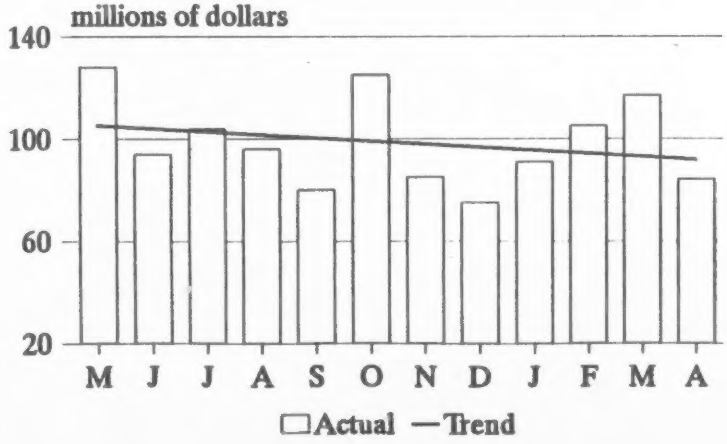
Imports



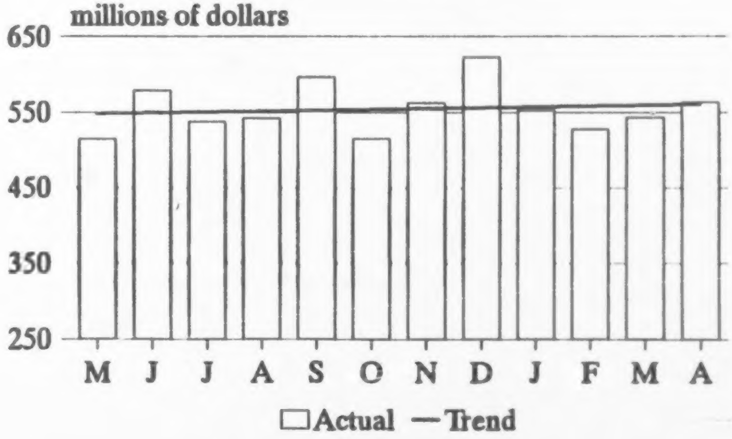
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY APRIL 1993

(thousands of workers, hourly wage index 1/88=100)

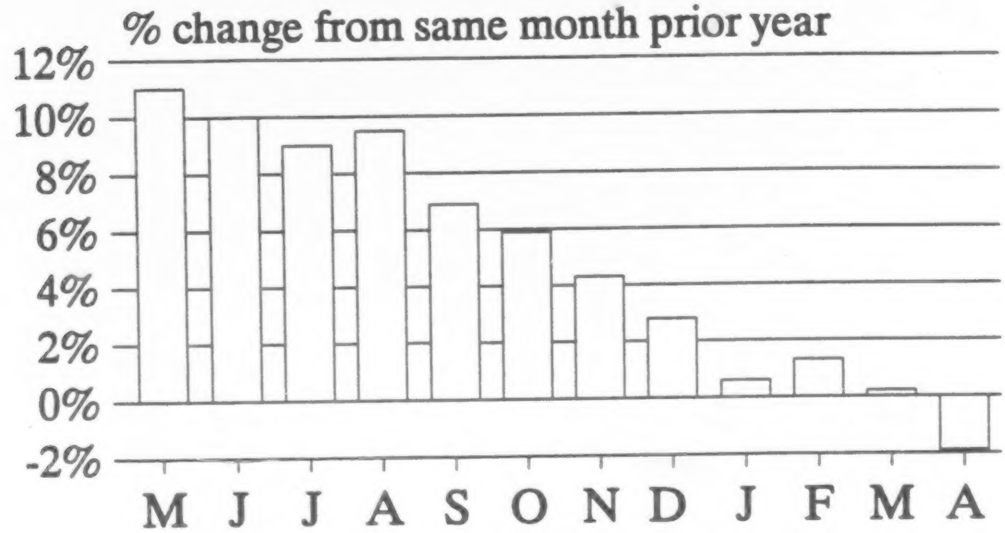
	Not Seasonally Adjusted				
	Apr-93	Apr-92	% ch.	Mar-93	% ch.
Production Workers	19.4	19.6	-1.0%	19.1	1.6%
All Employees	47.4	48.3	-1.9%	47.4	0.0%
Hourly Wage Index	120.9	120.0	0.8%	120.9	0.0%
Annual Sales/Employee	163,537	168,145	-2.7%	163,526	0.0%

ELECTROMEDICAL PRODUCER PRICE INDEX MAY 1993

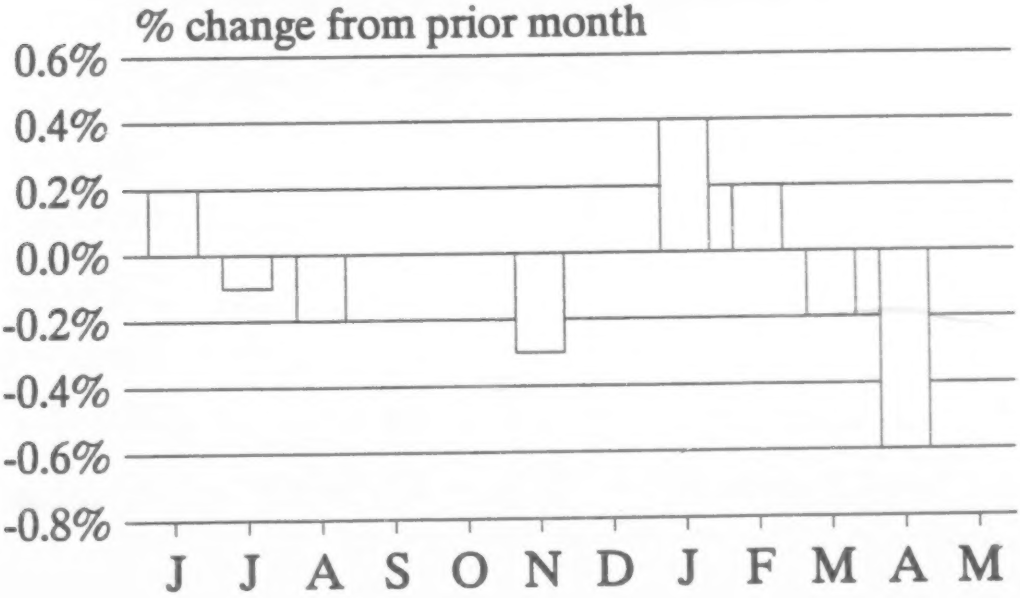
(12/90=100)

	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Composite Index	**101.8**	**102.5**	**-0.6%**	**101.9**	**0.0%**
Irradiation Equipment	102.6	102.0	0.6%	102.6	0.0%
Diagnostic/Monitoring	101.2	102.9	-1.6%	101.3	0.0%
Electrotherapeutic	102.5	102.1	0.5%	102.5	0.0%

Electromedical Equipment
All Employees April 1993



Electromedical Equipment
Composite Price Index May 1993

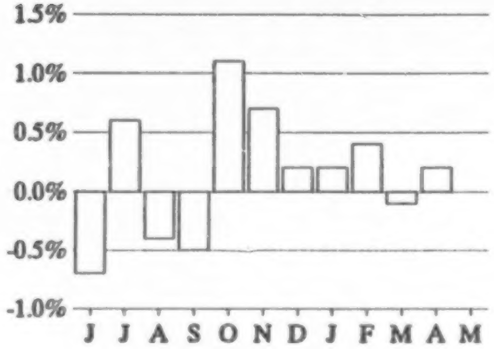


Economic Data Bank - As of July 7, 1993

	Current Period	Previous Period	Year Ago
	May-93	Apr-93	May-92
Capacity Utilization (% utilized)	81.6	81.6	80.1
	Jun-93	May-93	Jun-93
Consumer Confidence (Index 1985=100)	58.9	61.9	72.6
	1st Qtr	4th Qtr	1st Qtr
Gross Domestic Product (billions 1987 $)	4,999.9	4,990.8	4,873.7
	1st Qtr	4th Qtr	1st Qtr
Gross National Product (billions 1987 $)	5,012.8	4,995.9	4,890.7
	1st Qtr	4th Qtr	1st Qtr
Government Purchases (billions 1987 $)	919.6	936.8	937.0
	May-93	Apr-93	May-92
Industrial Production (Index 1987=100)	110.4	110.2	106.7
	May-93	Apr-93	May-92
Housing Starts (annual rate 000's)	1,244	1,215	1,197
	May-93	Apr-93	May-92
Leading Economic Indicators (Index 1987=100)	151.6	152.0	149.2
	Jun-93	May-93	Jun-93
90-Day T-Bill Rate (%)	3.10	2.96	3.70
	Jun-93	May-93	Jun-93
Prime Rate (%)	6.00	6.00	6.50
	May-93	Apr-93	May-92
Unemployment Rate (% of labor force)	6.8	6.9	7.6
	May-93	Apr-93	May-92
Real Money Supply M-2 (billions 1987 $)	2,345.6	2,325.8	2,395.2
	May-93	Apr-93	May-92
Retail Sales (billions of dollars)	170.1	170.0	161.3
	May-93	Apr-93	May-92
Disposable Personal Income (billions 1987 $)	3,660.2	3,644.5	3,578.6
	May-93	Apr-93	May-92
Auto Sales (annual rate millions)	9.1	8.9	8.4
	May-93	Apr-93	May-92
Personal Savings Rate (% of income)	4.9	4.9	5.3
	May-93	Apr-93	May-92
CPI-U All Items (Index 1982-84=100)	144.2	144.0	139.7
	May-93	Apr-93	May-92
PPI Finished Goods (Index 1982-84=100)	125.7	125.7	123.2
	Apr-93	Mar-93	Apr-92
Balance of Trade (billions of dollars)	(10.5)	(10.5)	(7.0)

Capacity Utilization

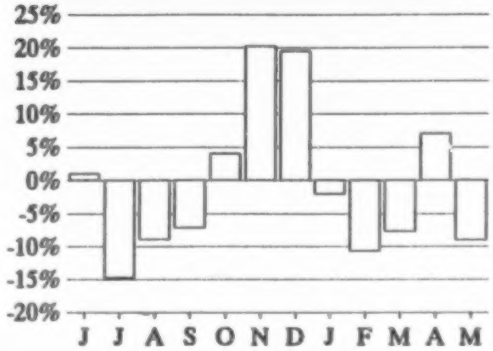
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

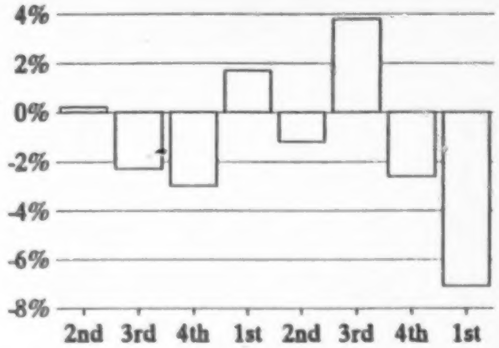
(percent change from previous month)



Source: Conference Board

Government Purchases

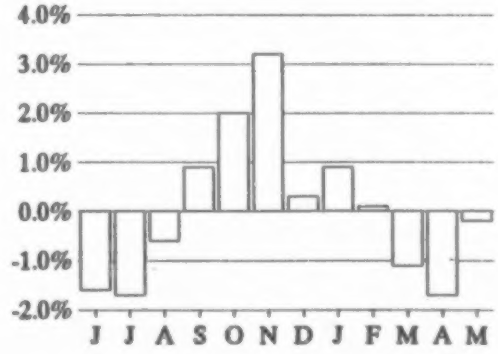
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

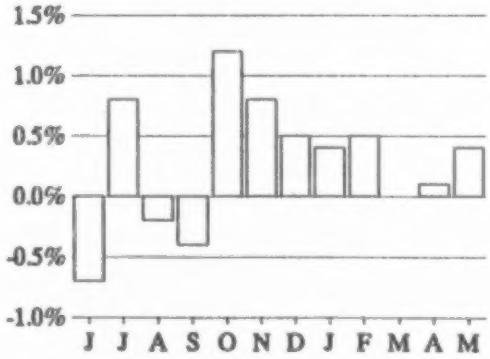
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

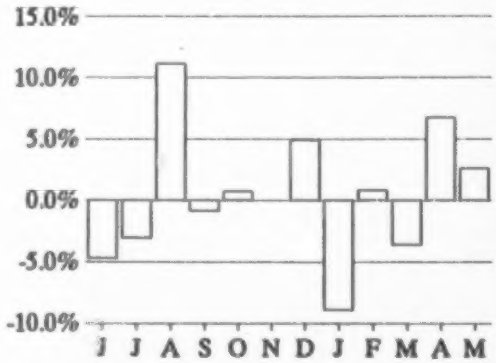
(percent change from previous month)



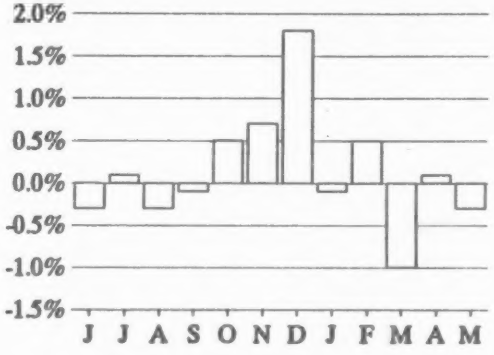
Source: Federal Reserve Board

Housing Starts

(percent change from previous month)

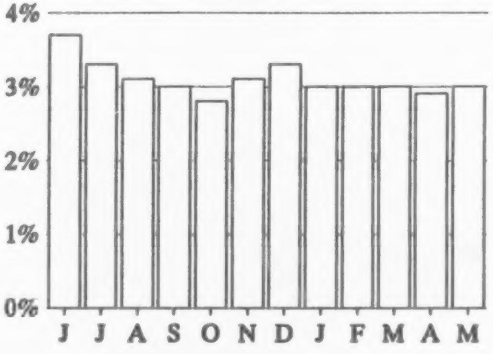


Source: Department of Commerce



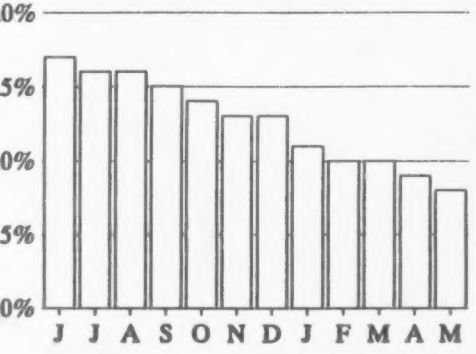
Leading Economic Indicators
(percent change from previous month)

Source: Federal Reserve Board



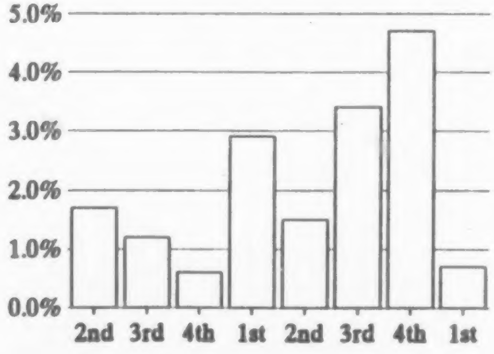
90 Day T-Bill Rate
(interest rate)

Source: Conference Board



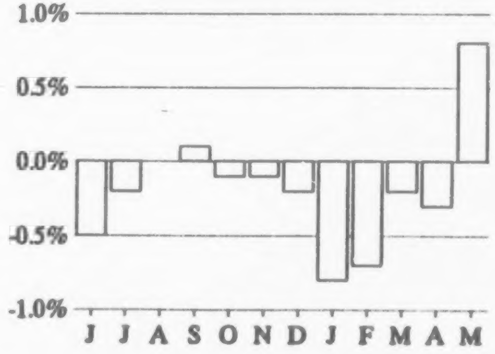
Unemployment Rate
(precent of civilian laborforce)

Source: Department of Commerce



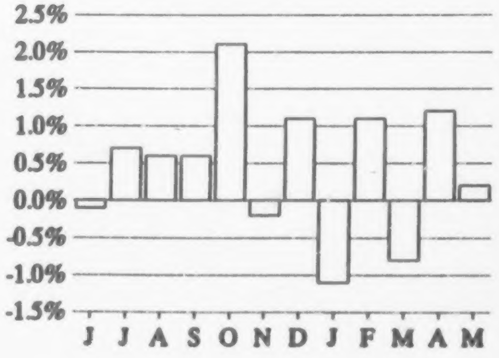
Real GDP
(quarter vs. previous quarter)

Source: Department of Commerce



Real Money Supply M-2
(percent change from previous month)

Source: Department of Commerce



Retail Sales
(percent change from previous month)

Source: Department of Commerce

Endnotes:

Total factory sales on page 1, represent total sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

The U.S. Electronics Industry Composite Producer Price Index is a weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications, equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, and electromedical equipment.

All import data is imports for consumption at customs value.

All export data is total exports = reexports + exports from domestic production.

Sources:

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Data - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

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August 1993

Electronic Market

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U.S. ELECTRONICS FACTORY DATA SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**26,337**	**25,459**	**3.4%**	**30,317**	**27,565**	**10.0%**	**150,222**	**139,294**	**7.8%**
New Orders	16,541	15,668	5.6%	20,678	17,436	18.6%	108,054	89,194	21.1%
Production	15,856	17,006	-6.8%	17,426	17,416	0.1%	82,047	75,051	9.3%
Inventory	33,694	33,677	0.1%	31,006	32,728	-5.3%	n/a	n/a	
Unfilled Orders	59,416	60,050	-1.1%	56,630	59,162	-4.3%	n/a	n/a	
Book/Bill Ratio	0.63	0.62	2.1%	0.68	0.63	7.8%	n/a	n/a	
Inv/Sales Ratio	1.28	1.32	-3.3%	1.02	1.19	-13.9%	n/a	n/a	
Unf/Sales Ratio	2.26	2.36	-4.4%	1.87	2.15	-13.0%	n/a	n/a	
Prod/Sales Ratio	0.60	0.67	-9.9%	0.57	0.63	-9.0%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	8,086	8,271	-2.2%	7,650	6,629	15.4%	37,949	32,798	15.7%
Exports	7,046	6,825	3.2%	6,938	6,233	11.3%	34,099	31,113	9.6%
Balance	(1,040)	(1,446)	-28.1%	(712)	(396)	n/a	(3,850)	(1,685)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	May-93	May-92	% ch.	May-93	May-92	% ch.	Imports	Exports	Balance
Japan	2,360	2,122	11.2%	618	592	4.4%	13,001	3,285	(9,716)
Canada	567	556	2.0%	1,098	945	16.2%	2,671	5,610	2,939
Singapore	748	1,263	-40.8%	411	329	24.9%	3,517	1,876	(1,641)
Mexico	487	459	6.1%	490	432	13.4%	2,407	2,536	129
Taiwan	684	660	3.6%	287	285	0.7%	3,331	1,384	(1,947)
Malaysia	568	405	40.2%	230	176	30.7%	2,602	1,153	(1,449)
S. Korea	562	430	30.7%	246	208	18.3%	2,543	1,208	(1,335)
U.K.	220	176	25.0%	540	480	12.5%	977	2,742	1,765
Germany	208	210	-1.0%	442	431	2.6%	1,042	2,140	1,098
Hong Kong	196	n/a	n/a	236	n/a	n/a	797	1,090	293
Other	1,049	918	14.3%	2,339	2,100	11.4%	5,069	11,075	6,006

U.S. ELECTRONICS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	May-93	Apr-93	% ch.	May-93	May-92	% ch.
Production Workers	812.3	818.8	-0.8%	805.3	848.3	-5.1%
All Employees	1,709.1	1,720.2	-0.6%	1,698.3	1,811.8	-6.3%
Hourly Wage Index	n/a	n/a		118.5	115.2	2.9%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX JUNE 1993

(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	92.4	94.3	-2.0%	92.9	-0.5%

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	up	Factory sales up 3% in June from prior month, up 8% YTD
Orders	up	New orders up 6% in June, up 21% YTD
Imports	up	Imports up 15% from May 1992, up 16% YTD
Exports	up	Exports up 11% from May 1992, up 10% YTD
Employment	down	Total Employment, down 6% in May from prior year
Wages	down	Hourly Wages up 3% from May of last year
Factory Prices	down	Composite Producer Price Index down 2% over June 1992

ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	6,489	6,054	7.2%	6,812	5,454	24.9%	35,882	31,122	15.3%
New Orders	5,929	5,490	8.0%	5,645	5,397	4.6%	35,201	31,729	10.9%
Production	6,435	6,152	4.6%	6,685	5,522	21.1%	36,265	31,156	16.4%
Inventory	8,969	9,023	-0.6%	9,002	8,680	3.7%	n/a	n/a	
Unfilled Orders	13,807	15,073	-8.4%	13,888	14,085	-1.4%	n/a	n/a	
Book/Bill Ratio	0.91	0.91	0.7%	0.83	0.99	-16.3%	n/a	n/a	
Inv/Sales Ratio	1.38	1.49	-7.3%	1.32	1.59	-17.0%	n/a	n/a	
Unf/Sales Ratio	2.13	2.49	-14.6%	2.04	2.58	-21.1%	n/a	n/a	
Prod/Sales Ratio	0.99	1.02	-2.4%	0.98	1.01	-3.1%	n/a	n/a	

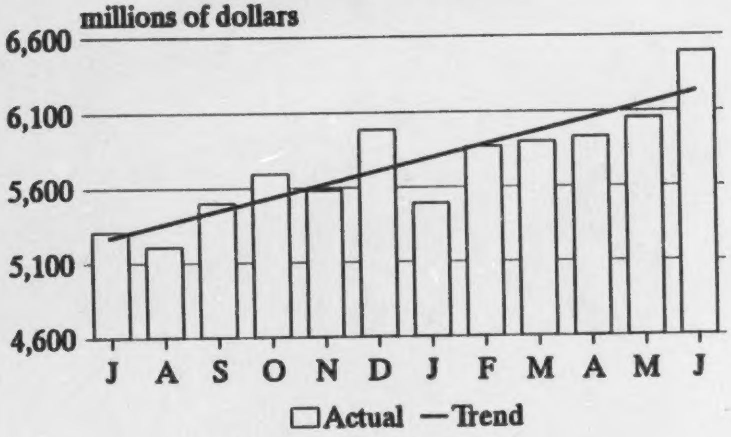
ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	up	Factory Sales up 7% in June from prior month, up 15% YTD
Orders	up	New Orders up 8% in June, up 11% YTD
Imports	up	Imports up 18% from May 1992, up 16% YTD
Exports	up	Exports up 18% from May 1992, up 17% YTD
Employment	down	Total Employment, down 3% in May from prior year
Wages	up	Hourly Wages up 5% from May of last year
Factory Prices	up	Composite Producer Price Index up 0.3% from June 1992

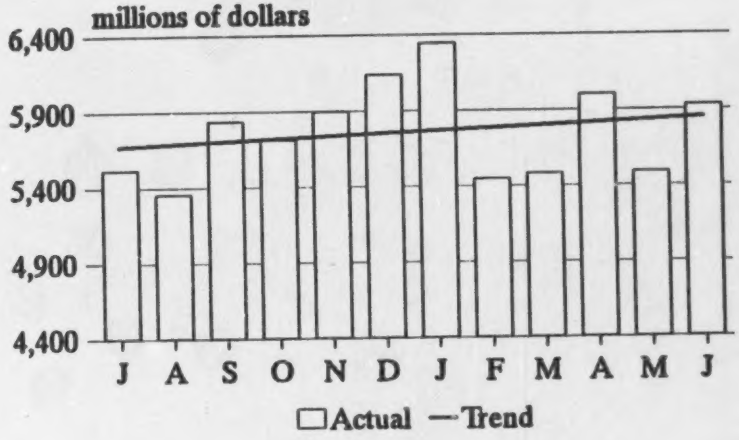
Electronics Components U.S Factory Trends June 1993

(all data seasonally adjusted)

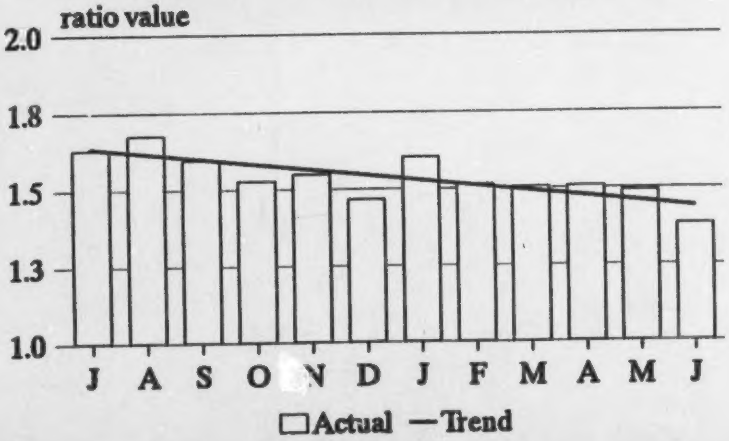
Factory Sales



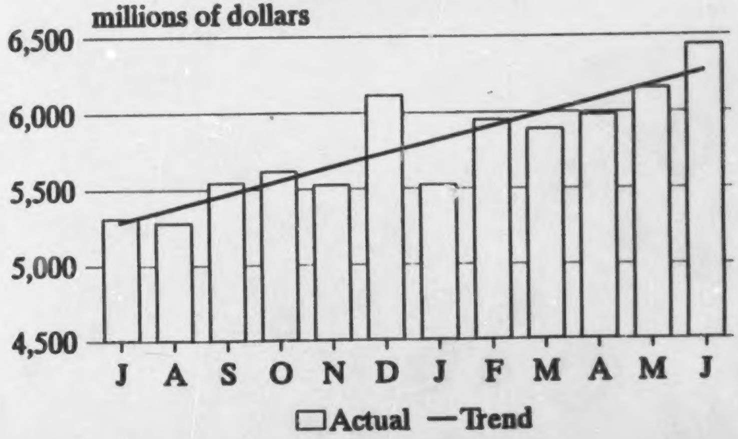
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	53	55	-3.6%	51	52	-1.2%	238	260	-8.3%
Passive	758	761	-0.4%	746	679	9.8%	3,713	3,518	5.5%
Solid State	1,507	1,555	-3.1%	1,516	1,223	23.9%	7,456	6,091	22.4%
Total	**2,318**	**2,371**	**-2.2%**	**2,313**	**1,954**	**18.4%**	**11,407**	**9,869**	**15.6%**
EXPORTS									
Electron Tubes	73	67	9.0%	62	56	9.8%	319	268	18.8%
Passive	488	509	-4.1%	496	445	11.5%	2,517	2,378	5.9%
Solid State	1,542	1,590	-3.0%	1,563	1,303	20.0%	7,673	6,375	20.4%
Total	**2,103**	**2,166**	**-2.9%**	**2,121**	**1,804**	**17.6%**	**10,509**	**9,022**	**16.5%**
BALANCE									
Electron Tubes	20	12	66.7%	11	5	n/a	80	8	n/a
Passive	(270)	(252)	7.1%	(250)	(235)	6.6%	(1,195)	(1,140)	4.9%
Solid State	35	35	0.0%	47	80	-40.9%	217	284	-23.6%
Total	**(215)**	**(205)**	**4.9%**	**(192)**	**(150)**	**27.8%**	**(898)**	**(847)**	**6.0%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	3,304	2,797	18.1%	Canada	1,867	1,919	-2.7%
Malaysia	1,189	817	45.5%	Mexico	1,014	912	11.2%
Canada	1,010	1,108	-8.8%	Singapore	1,003	749	33.9%
S. Korea	998	879	13.5%	Malaysia	883	667	32.4%
Taiwan	992	782	26.9%	Japan	850	714	19.0%
Mexico	813	965	-15.8%	U.K.	701	557	25.9%
Singapore	688	699	-1.6%	Taiwan	637	641	-0.6%
Philippines	419	n/a	n/a	S. Korea	557	327	70.3%
Hong Kong	311	n/a	n/a	Hong Kong	539	n/a	n/a
U.K.	204	167	22.2%	Philippines	329	n/a	n/a
Other	1,479	1,655	-10.6%	Other	2,129	2,536	-16.0%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY MAY 1993

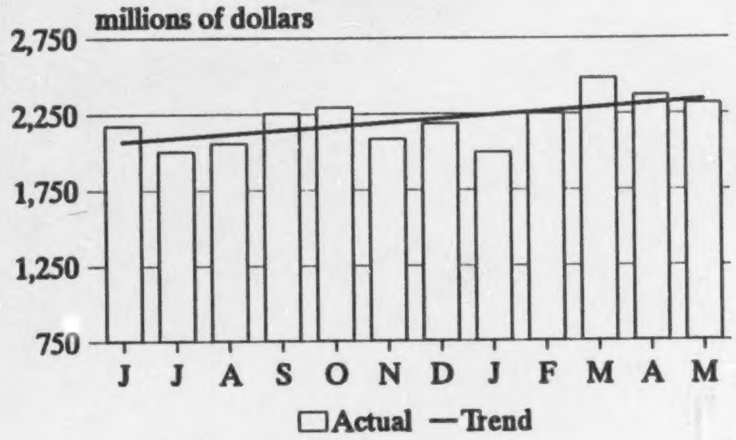
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	35,862	43,393	7,531	169,117	232,064	62,947
Receiving Tubes	1,776	258	(1,518)	2,419	1,800	(618)
Power/Special Purpose Tubes	13,609	18,269	4,660	66,598	83,045	16,447
Capacitors	56,375	52,623	(3,752)	286,910	267,222	(19,688)
Resistors	34,659	16,873	(17,787)	181,028	87,942	(93,085)
Relays	36,988	34,940	(2,048)	204,087	161,050	(43,037)
Connectors	50,155	45,699	(4,456)	248,484	193,341	(55,143)
Electronic Wire	84,250	88,785	4,534	409,247	493,981	84,734
Transformers	14,237	2,898	(11,339)	64,086	11,356	(52,730)
Power Supplies	91,103	12,661	(78,443)	439,996	72,474	(367,522)
Printed Circuits and Boards	103,793	87,735	(16,058)	519,927	465,955	(53,972)
Parts of TV/Audio Apparatus	182,834	118,001	(64,833)	899,904	584,048	(315,855)
Indicator Panels	35,689	3,867	(31,822)	168,539	23,448	(145,091)
Switches	14,886	2,313	(12,573)	71,971	10,736	(61,235)
Piezoelectric Crystals	16,373	4,691	(11,682)	87,356	25,310	(62,045)
Other Parts	24,299	19,693	(4,606)	132,345	96,352	(35,993)
EPROMs	55,983	26,193	(29,790)	263,619	119,439	(144,180)
Microprocessors	138,026	177,278	39,252	659,391	838,419	179,028
DRAMs	303,621	130,718	(172,902)	1,421,264	582,630	(838,634)
SRAMs	60,374	22,899	(37,474)	332,293	118,375	(213,918)
Analog ICs	126,556	68,374	(58,182)	624,797	348,404	(276,393)
Other ICs	460,956	335,028	(125,928)	2,393,844	1,652,415	(741,428)
Diodes	36,776	18,005	(18,771)	177,063	80,893	(96,171)
Transistors	37,577	3,703	(33,874)	169,784	25,516	(144,268)
Chips, Wafers & Parts	261,970	957,907	695,937	1,240,180	3,987,715	2,747,535
Other Semiconductors	33,241	22,339	(10,902)	164,299	94,333	(69,966)
Solar Cells	1,392	3,804	2,413	10,669	27,434	16,765
Total	2,313,363	2,318,948	5,586	11,409,216	10,685,698	(723,518)

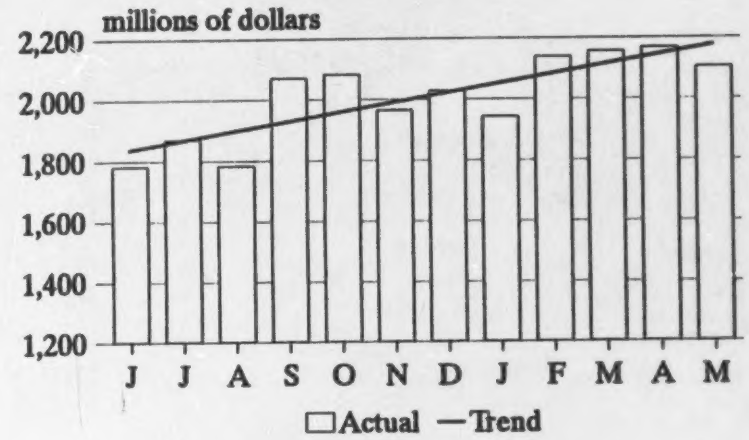
Electronic Components Trade Trends May 1993

(all data seasonally adjusted)

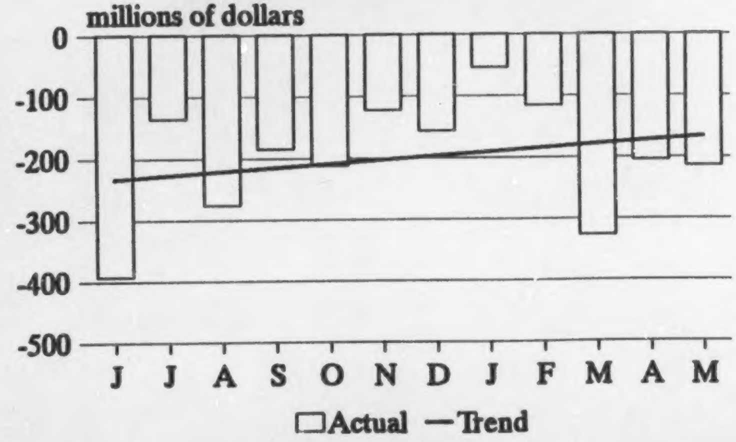
Imports



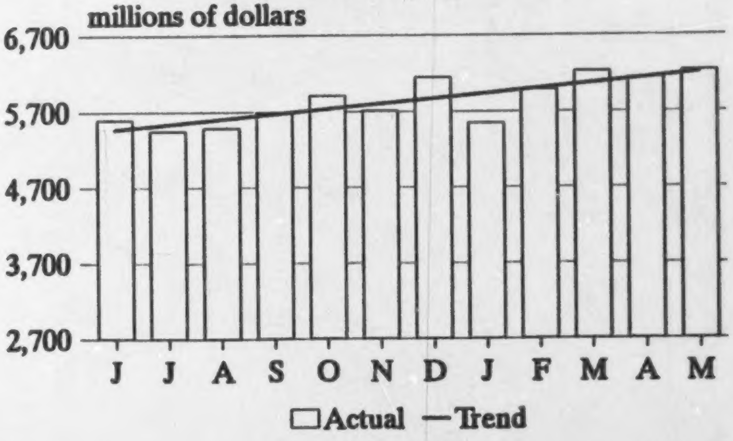
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

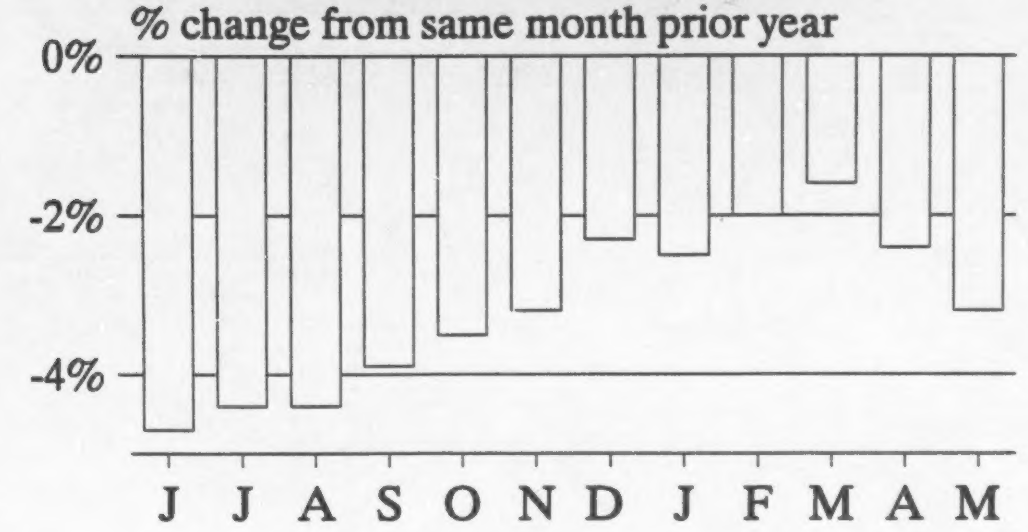
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	**337.8**	**345.3**	**-2.2%**	**343.3**	**-1.6%**
Electron Tubes	16.3	17.8	-8.4%	16.5	-1.2%
Semiconductors	89.6	91.9	-2.5%	90.8	-1.3%
Other	231.9	235.6	-1.6%	236.0	-1.7%
All Employees	**576.5**	**595.4**	**-3.2%**	**582.8**	**-1.1%**
Electron Tubes	24.4	26.5	-7.9%	24.5	-0.4%
Semiconductors	212.8	223.5	-4.8%	213.5	-0.3%
Other	339.3	345.4	-1.8%	344.8	-1.6%
Hourly Wage Index	121.9	116.5	4.6%	121.5	0.3%
Annual Sales/Employee	114,718	100,874	13.7%	112,878	1.6%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX JUNE 1993

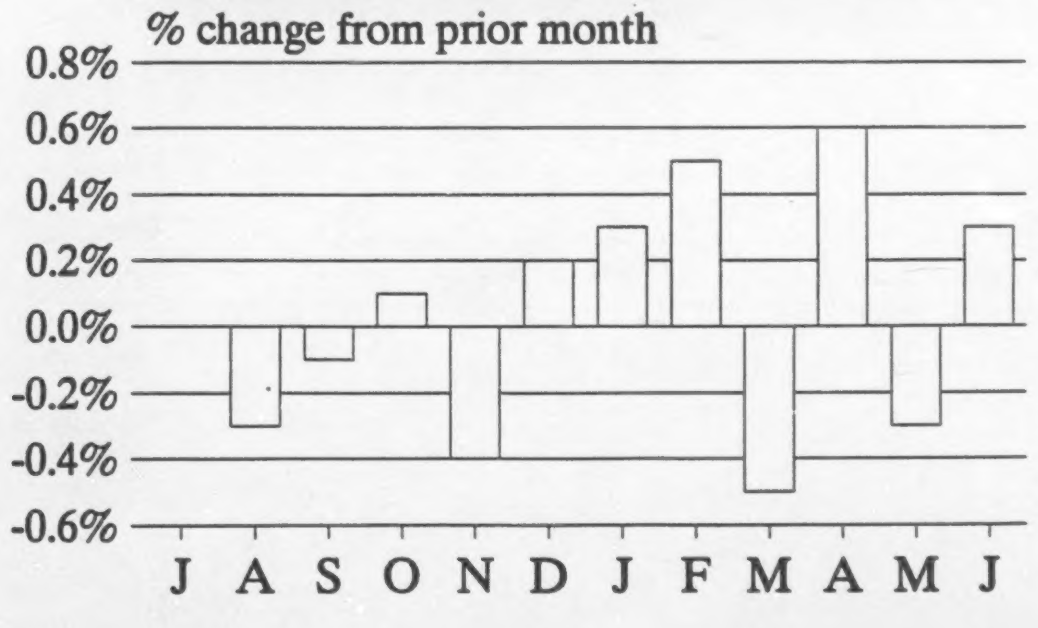
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**99.7**	**99.4**	**0.3%**	**99.3**	**0.3%**
CRTs	96.5	98.2	-1.7%	96.5	0.0%
Capacitors	98.3	100.4	-2.1%	98.2	0.1%
Resistors	97.7	98.3	-0.6%	97.4	0.3%
Relays	111.2	111.1	0.1%	110.8	0.3%
Switches	106.5	101.2	5.2%	106.8	-0.3%
Connectors	119.9	106.6	12.5%	119.9	0.0%
Filters	109.5	105.4	3.9%	109.5	0.1%
Antennae	89.4	89.1	0.4%	89.4	0.0%
Diodes	99.6	99.7	-0.1%	99.8	-0.2%
Transistors	99.8	97.9	2.0%	99.2	0.6%
Semiconductors	93.9	95.2	-1.3%	93.6	0.4%
Printed Circuits	96.8	99.2	-2.5%	96.9	-0.2%
Electronic Wire	101.1	99.9	1.3%	101.2	-0.1%

Electronic Components All Employees May1993



Electronic Components Composite Price Index June 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**783**	**804**	**-2.6%**	**826**	**804**	**2.8%**	**4,370**	**4,316**	**1.3%**
Inventory	1,245	1,204	3.4%	1,389	1,433	-3.1%	n/a	n/a	
Inv/Sales Ratio	1.59	1.50	6.1%	1.68	1.78	-5.7%	n/a	n/a	

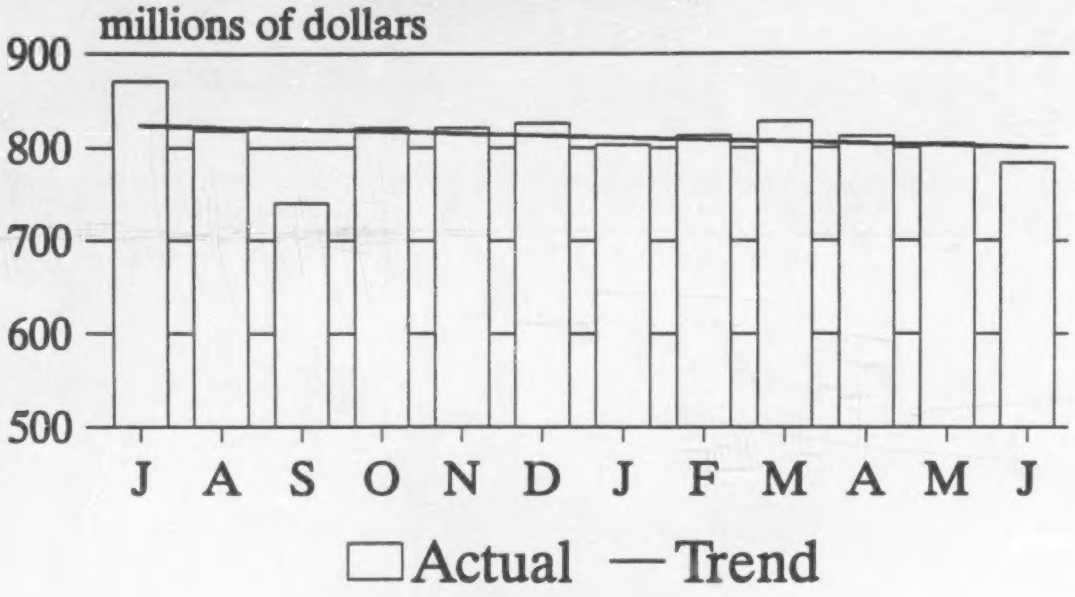
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS JUNE 1993

(not seasonally adjusted millions of dollars)

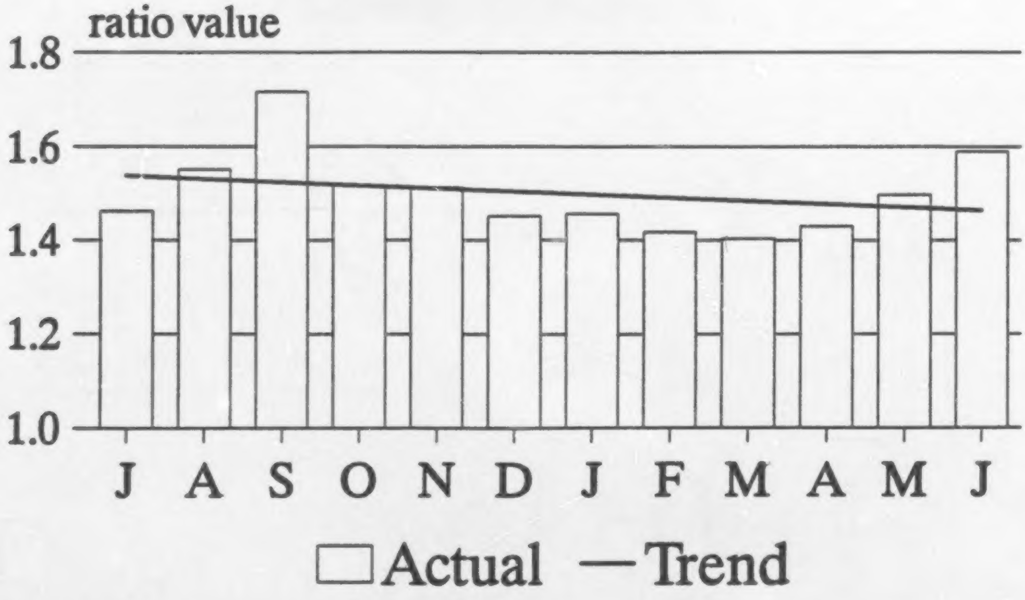
	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**829**	**791**	**4.8%**	**4,546**	**4,142**	**9.8%**
Color TVs	380	381	-0.2%	2,291	2,092	9.5%
Projection TV	36	31	17.1%	244	208	17.1%
TV/VCR	35	25	n/a	177	123	n/a
VCR Decks	190	177	7.6%	981	979	0.2%
Camcorders	152	145	5.0%	660	561	17.6%
Other	36	33	8.2%	192	178	8.2%
Audio Products	**817**	**734**	**11.3%**	**3,802**	**3,593**	**5.8%**
Portable	159	151	5.1%	820	791	3.6%
Home Components	110	107	2.6%	565	574	-1.5%
Autosound	449	402	11.6%	1,932	1,802	7.2%
Audio Systems	99	73	n/a	485	426	13.9%
Home Information Equipment	871	872	-0.1%	4,447	4,340	2.5%
Blank Media and Accessories	326	313	4.3%	1,654	1,536	7.7%
Total	**2,844**	**2,709**	**5.0%**	**14,450**	**13,611**	**6.2%**

Domestically Produced Consumer Electronics
U.S. Factory Trends June 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,468	1,566	-6.3%	1,188	1,128	5.3%	5,737	5,666	1.3%
Exports	257	239	7.5%	253	251	0.9%	1,258	1,222	2.9%
Balance	(1,211)	(1,327)	-8.7%	(935)	(878)	6.5%	(4,479)	(4,444)	0.8%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	2,627	2,628	0.0%	Canada	324	308	5.2%
Malaysia	683	532	28.4%	Mexico	197	187	5.3%
Mexico	665	584	13.9%	Japan	90	123	-26.8%
S. Korea	567	588	-3.6%	Taiwan	59	60	-1.7%
China	363	374	-2.9%	U.K.	51	43	18.6%
Singapore	199	253	-21.3%	Germany	49	47	4.3%
Taiwan	170	269	-36.8%	Hong Kong	40	33	21.2%
Thailand	140	184	-23.9%	Netherlands	39	47	-17.0%
Indonesia	84	43	n/a	Venezuela	29	30	-3.3%
Brazil	54	n/a	n/a	S. Korea	26	n/a	n/a
Other	185	211	-12.3%	Other	354	344	2.9%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY MAY 1993

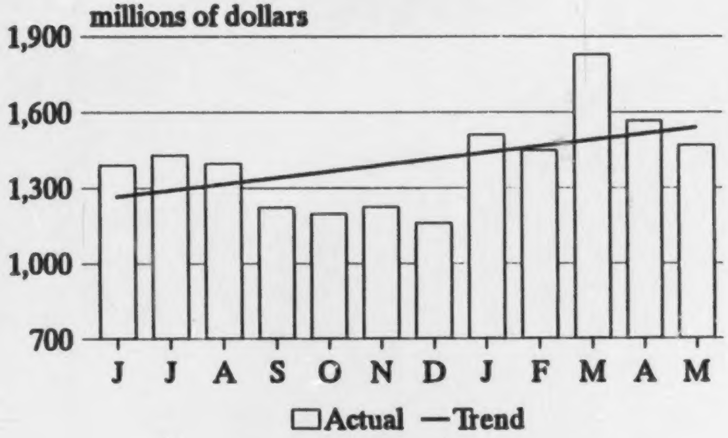
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	161,517	32,376	(129,141)	830,221	187,224	(642,997)
Monochrome TV Receivers	8,327	9,573	1,246	38,572	28,460	(10,112)
VCR Decks	192,319	16,829	(175,490)	906,486	70,837	(835,649)
Camcorders	131,945	0	(131,945)	524,561	0	(524,561)
Videocassette Players	12,110	0	(12,110)	44,403	0	(44,403)
Laserdisc Players	12,060	7,655	(4,405)	53,359	29,543	(23,816)
Portable Audio Equipment	65,050	8,256	(56,794)	281,777	37,113	(244,664)
Separate Audio Components	217,552	98,207	(119,345)	970,036	490,688	(479,348)
Home Radios	11,330	447	(10,883)	71,736	2,481	(69,254)
Home Radio/Tape Combinations	98,194	2,847	(95,347)	455,653	13,601	(442,051)
Autosound Equipment	128,128	30,178	(97,950)	612,568	146,515	(466,053)
Blank Media	63,095	28,761	(34,334)	314,962	156,588	(158,374)
Video Games	86,308	17,811	(68,497)	633,019	94,851	(538,168)
Total	**1,187,934**	**252,940**	**(934,994)**	**5,737,352**	**1,257,902**	**(4,479,450)**

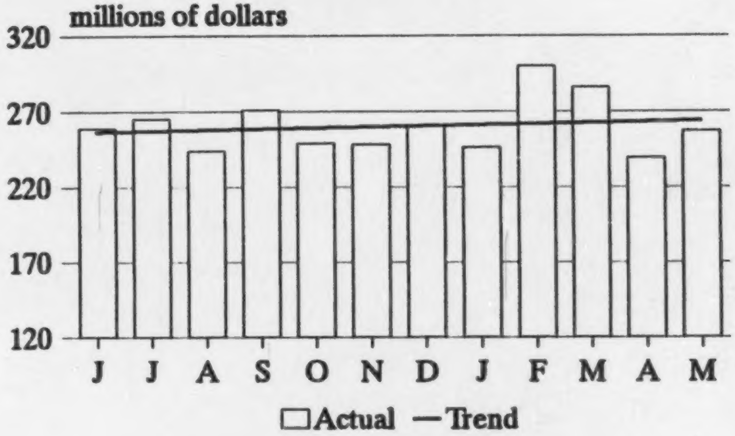
Consumer Electronics Trade Trends May 1993

(all data seasonally adjusted)

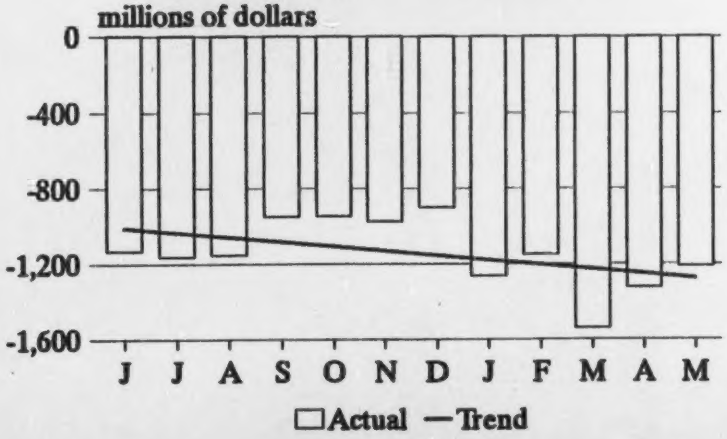
Imports



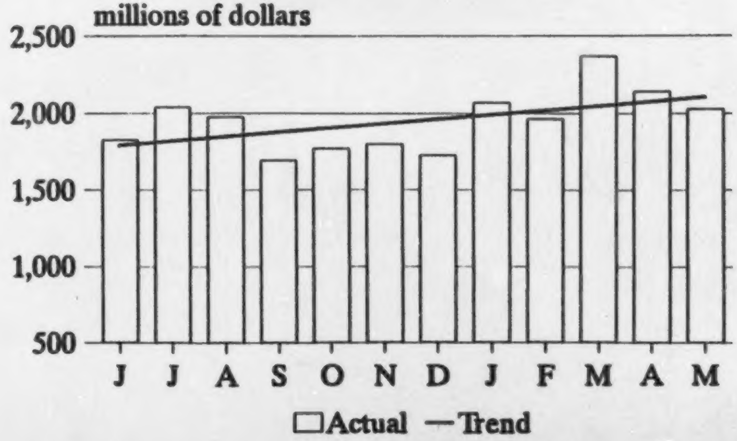
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

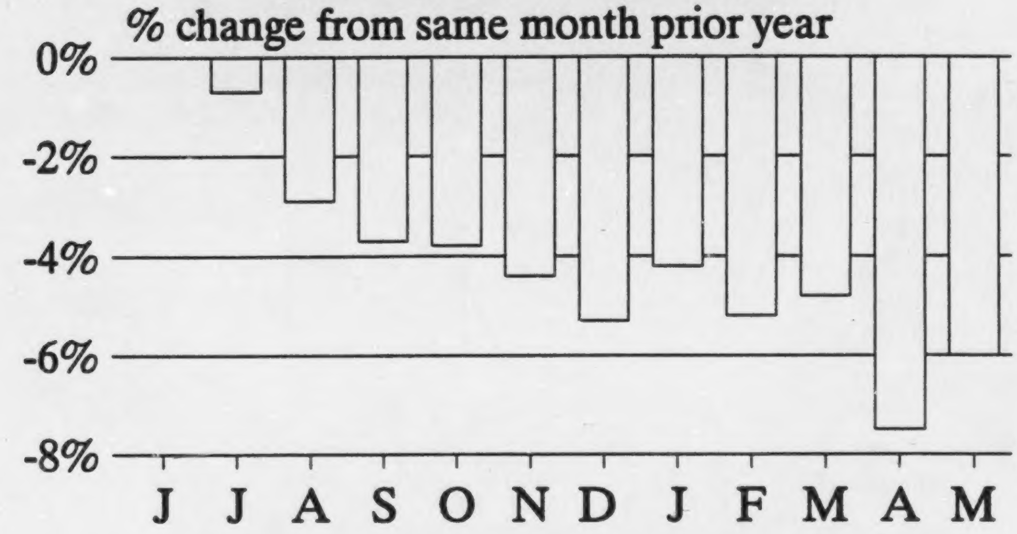
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	35.2	38.6	-8.8%	35.0	10.3%
All Employees	56.3	59.9	-6.0%	55.8	7.3%
Hourly Wage Index	117.7	120.3	-2.2%	116.0	3.7%
Annual Sales/Employee	163,259	144,001	13.4%	162,319	-11.3%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX JUNE 1993

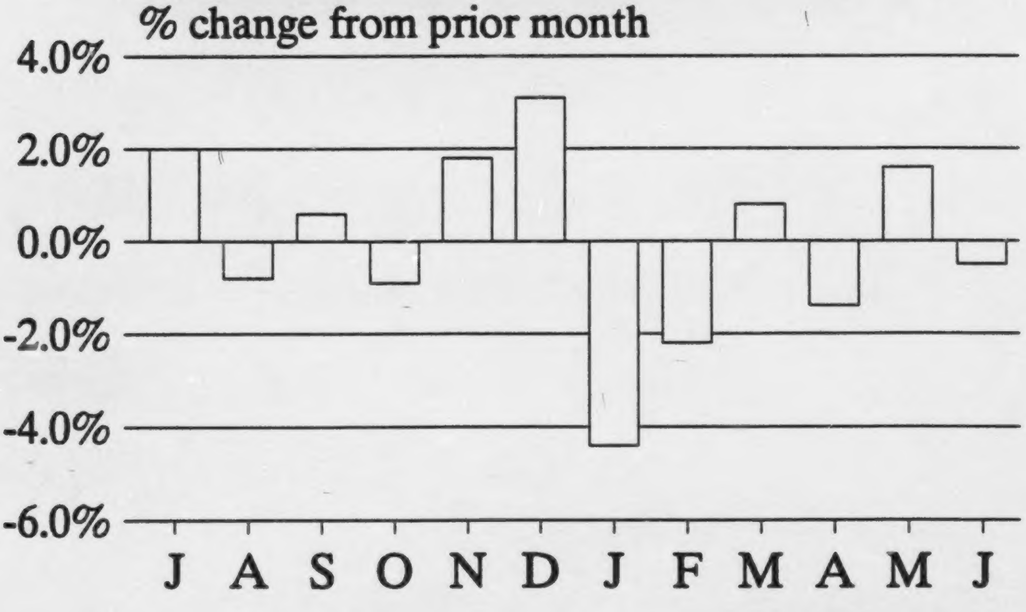
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**96.8**	**97.4**	**-0.6%**	**97.3**	**-0.5%**
Home Audio	79.4	82.7	-4.0%	77.8	2.1%
Portable Audio	115.2	123.1	-6.4%	116.8	-1.4%
Autosound	90.7	87.2	4.0%	92.7	-2.2%
Audio Systems	110.1	97.8	12.6%	119.9	-8.2%
Color TV	108.0	105.8	2.0%	108.0	0.0%
Projection TV	101.0	95.2	6.1%	101.0	0.0%
VCR Decks	98.0	100.0	-2.0%	106.0	-7.5%
Camcorders	84.0	89.7	-6.3%	85.0	-1.2%

Consumer Electronics
All Employees May 1993



Consumer Electronics
Composite Price Index June 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,412**	**3,275**	**4.2%**	**3,785**	**3,249**	**16.5%**	**18,934**	**16,935**	**11.8%**
New Orders	3,627	3,315	9.4%	4,014	3,328	20.6%	18,768	16,914	11.0%
Production	3,397	3,441	-1.3%	3,605	3,210	12.3%	19,778	17,098	15.7%
Inventory	7,729	7,744	-0.2%	7,760	6,777	14.5%	n/a	n/a	
Unfilled Orders	11,311	11,100	1.9%	11,273	11,240	0.3%	n/a	n/a	
Book/Bill Ratio	1.06	1.01	5.0%	1.06	1.02	3.5%	n/a	n/a	
Inv/Sales Ratio	2.27	2.36	-4.2%	2.05	2.09	-1.7%	n/a	n/a	
Unf/Sales Ratio	3.31	3.39	-2.2%	2.98	3.46	-13.9%	n/a	n/a	
Prod/Sales Ratio	1.00	1.05	-5.3%	0.95	0.99	-3.6%	n/a	n/a	

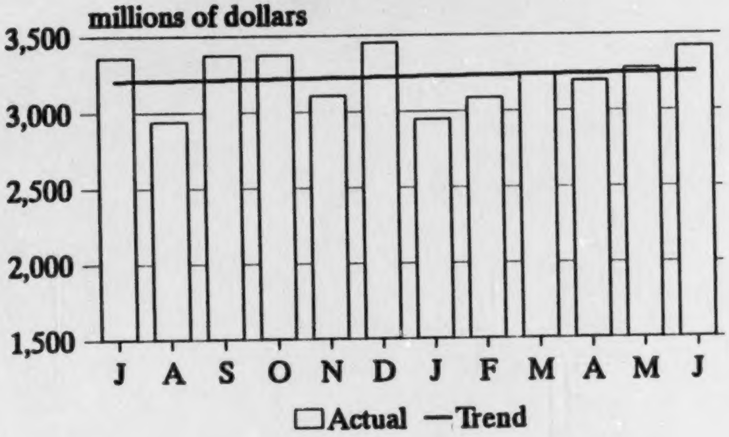
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	up	Factory Sales up 4% in June from prior month, up 12% YTD
Orders	up	New Orders up 9% in June, up 11% YTD
Imports	up	Imports up 14% from May 1992, up 12% YTD
Exports	up	Exports up 27% from May 1992, up 20% YTD
Employment	down	Total Employment, down 4% in May from prior year
Wages	down	Hourly Wages down 0.2% from May of last year
Factory Prices	up	Composite Producer Price Index up 2% from June 1992

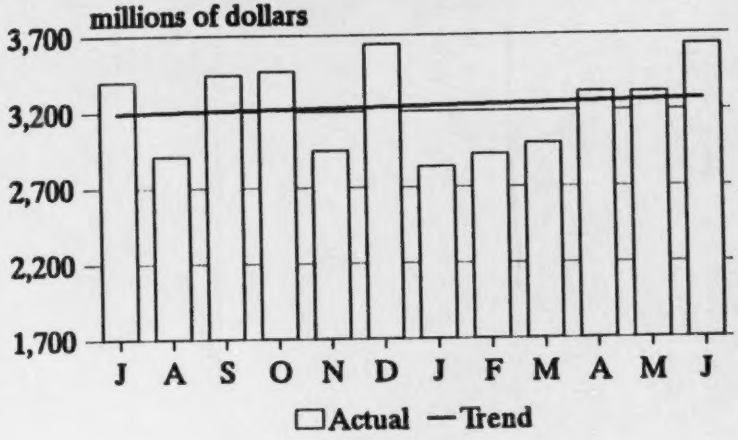
Telecommunications U.S Factory Trends June 1993

(all data seasonally adjusted)

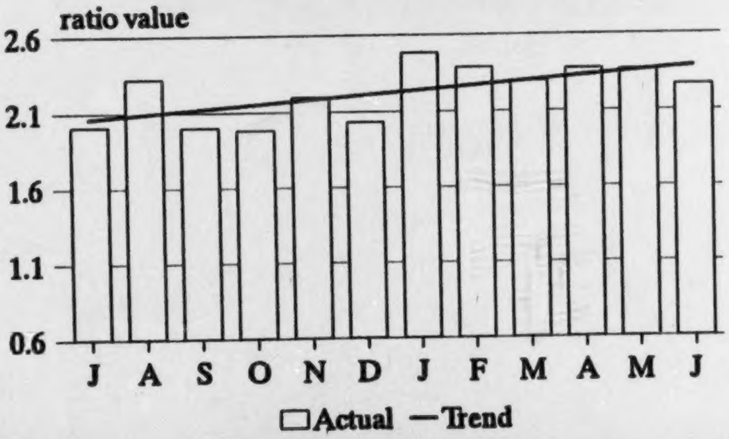
Factory Sales



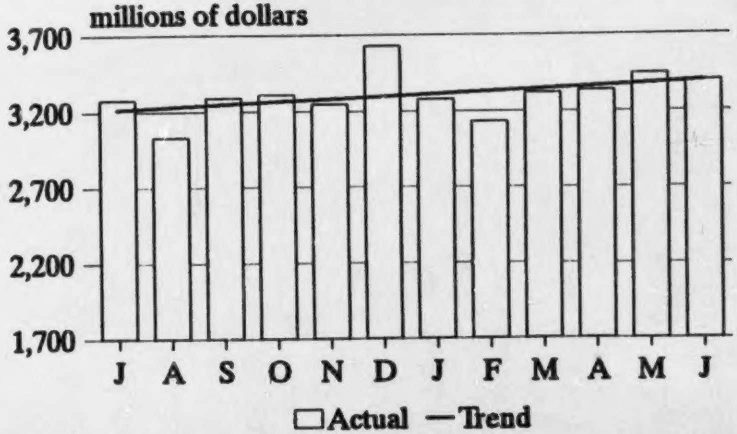
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	753	729	3.3%	695	608	14.3%	3,514	3,146	11.7%
Exports	844	790	6.8%	857	673	27.4%	3,859	3,212	20.2%
Balance	91	61	n/a	162	65	n/a	345	66	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	1,146	1,157	-1.0%	Canada	628	490	28.2%
Canada	490	381	28.6%	Mexico	458	428	7.0%
China	270	193	39.9%	Japan	354	216	63.9%
Malaysia	255	253	0.8%	U.K.	242	205	18.0%
Taiwan	204	234	-12.8%	China	177	n/a	n/a
Mexico	199	155	28.4%	Taiwan	163	129	26.4%
Thailand	120	122	-1.6%	Germany	122	129	-5.4%
S. Korea	120	135	-11.1%	Hong Kong	99	n/a	n/a
Israel	115	n/a	n/a	S. Korea	98	107	-8.4%
Philippines	104	81	28.4%	France	94	79	19.0%
Other	491	435	13.1%	Other	1,424	1,429	-0.3%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY MAY 1993

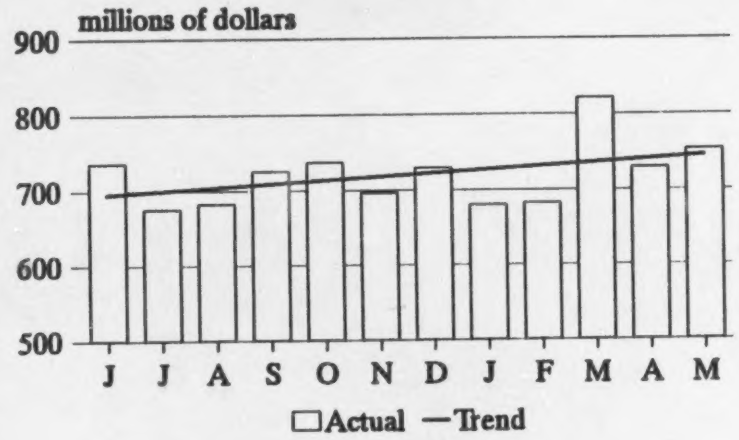
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	93,173	20,991	(72,182)	445,010	95,024	(349,986)
Telephonic Apparatus and Parts	148,059	209,013	60,954	659,484	974,957	315,474
Telegraphic Apparatus and Parts	21,670	61,711	40,041	134,636	329,814	195,177
Radio Transmitters	5,503	32,231	26,728	31,351	143,836	112,485
Radio Receivers	15,564	19,529	3,965	87,941	113,878	25,937
Radio Transceivers	48,762	87,565	38,803	263,573	447,783	184,210
Telephone Answering Devices	18,220	10,297	(7,923)	107,410	56,355	(51,055)
TV Transmission/Reception App.	130,011	245,668	115,658	679,652	923,395	243,743
Cellular Telephones	33,396	70,585	37,189	177,802	302,196	124,395
Facsimile Machines	72,372	0	(72,372)	412,771	0	(412,771)
Cordless Telephones	81,688	14,843	(66,845)	353,993	66,139	(287,854)
Modems	13,367	34,178	20,811	66,732	183,995	117,263
Paging Alert Devices	6,572	173	(6,400)	37,572	376	(37,196)
Fiber Optic Cable	2,577	13,165	10,589	24,809	68,073	43,264
Other Cable and Parts	9,910	36,667	26,758	36,477	153,366	116,889
Total	**700,844**	**856,618**	**155,774**	**3,519,212**	**3,859,186**	**339,974**

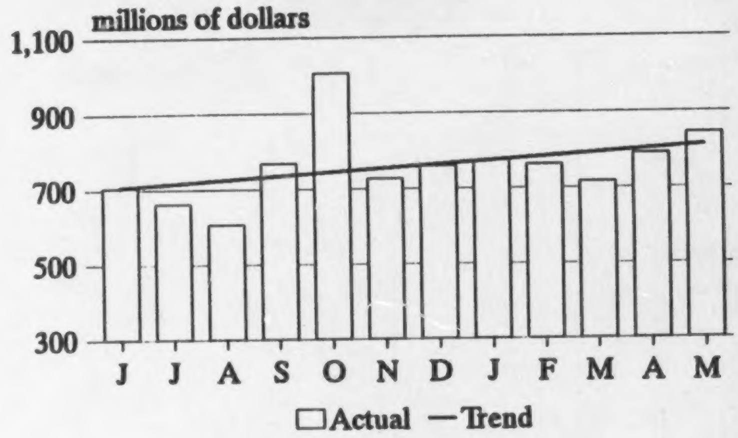
Telecommunications Trade Trends May 1993

(all data seasonally adjusted)

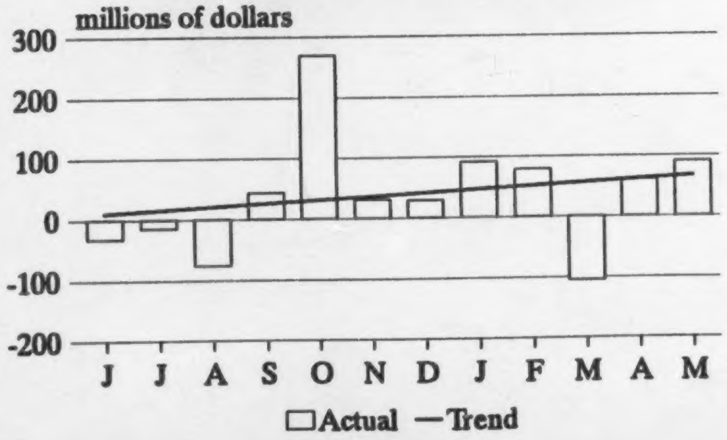
Imports



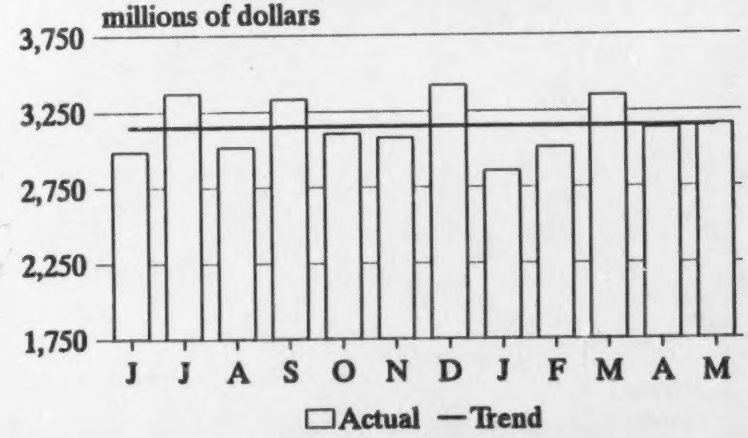
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

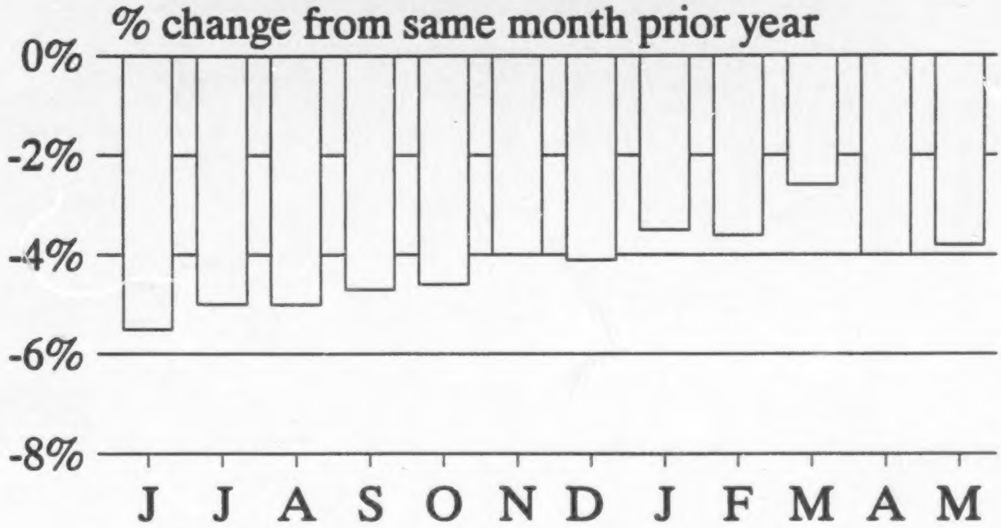
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	**118.7**	**122.3**	**-2.9%**	**118.9**	**-0.2%**
Telephone Equipment	58.9	61.2	-3.8%	59.0	-0.2%
Other	59.8	61.1	-2.1%	59.9	-0.2%
All Employees	**231.6**	**240.8**	**-3.8%**	**232.1**	**-0.2%**
Telephone Equipment	106.1	112.0	-5.3%	106.2	-0.1%
Other	125.5	128.8	-2.6%	125.9	-0.3%
Hourly Wage Index	109.0	109.2	-0.2%	108.7	0.3%
Annual Sales/Employee	122,772	103,160	19.0%	120,979	1.5%

TELECOMMUNICATIONS PRODUCER PRICE INDEX JUNE 1993

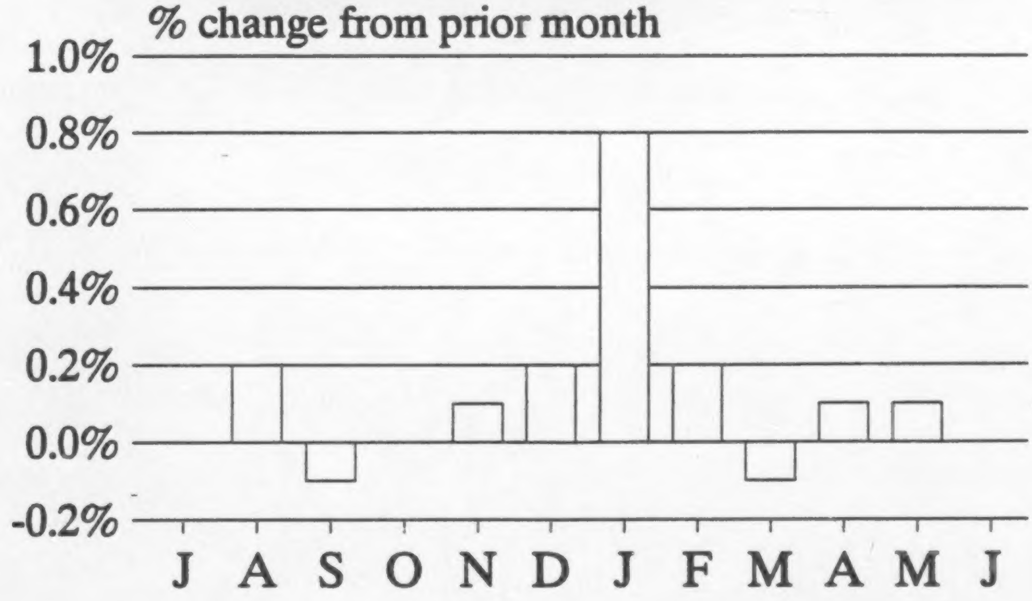
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**104.9**	**103.3**	**1.5%**	**104.9**	**0.0%**
Line Transmission	100.1	98.6	1.5%	100.1	0.0%
Switching Equipment	105.0	104.5	0.5%	105.0	0.0%
Telephone Sets	91.9	94.1	-2.3%	92.2	-0.4%
Other Telephone	106.8	101.8	4.9%	107.7	-0.8%
Broadcast Equipment	104.2	103.0	1.2%	103.9	0.3%
Mobile Communications	106.7	105.0	1.7%	106.7	0.0%
Intercom Systems	102.3	101.2	1.2%	102.2	0.1%
Fiber Optic Cable	100.7	103.9	-3.1%	100.7	0.0%

Telecommunications
All Employees May 1993



Telecommunications
Composite Price Index June 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,586**	**2,551**	**1.4%**	**2,854**	**2,877**	**-0.8%**	**14,906**	**15,511**	**-3.9%**
New Orders	1,988	2,067	-3.8%	1,761	1,864	-5.5%	13,550	13,057	3.8%
Production	2,538	2,465	3.0%	2,773	2,733	1.4%	14,525	15,088	-3.7%
Inventory	5,964	6,012	-0.8%	5,965	7,257	-17.8%	n/a	n/a	
Unfilled Orders	34,060	34,790	-2.1%	33,566	35,038	-4.2%	n/a	n/a	
Book/Bill Ratio	0.77	0.81	-5.1%	0.62	0.65	-4.7%	n/a	n/a	
Inv/Sales Ratio	2.31	2.36	-2.2%	2.09	2.52	-17.1%	n/a	n/a	
Unf/Sales Ratio	13.17	13.64	-3.5%	11.76	12.18	-3.4%	n/a	n/a	
Prod/Sales Ratio	0.98	0.97	1.5%	0.97	0.95	2.3%	n/a	n/a	

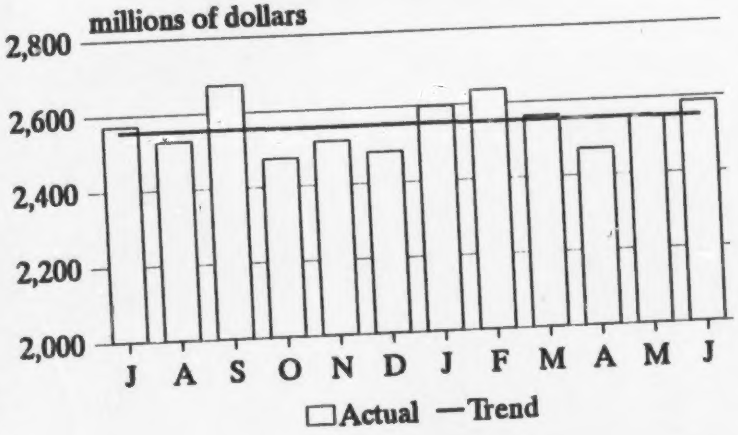
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	up	Factory Sales up 1% in June from prior month, down 4% YTD
Orders	down	New Orders down 4% in June, up 4% YTD
Imports	up	Imports up 12% from May 1992, down 4% YTD
Exports	up	Exports up 25% from May 1992, down 4% YTD
Employment	down	Total Employment, down 17% in May from prior year
Wages	up	Hourly Wages up 4% from May of last year
Factory Prices	up	Composite Producer Price Index up 0.1% from June 1992

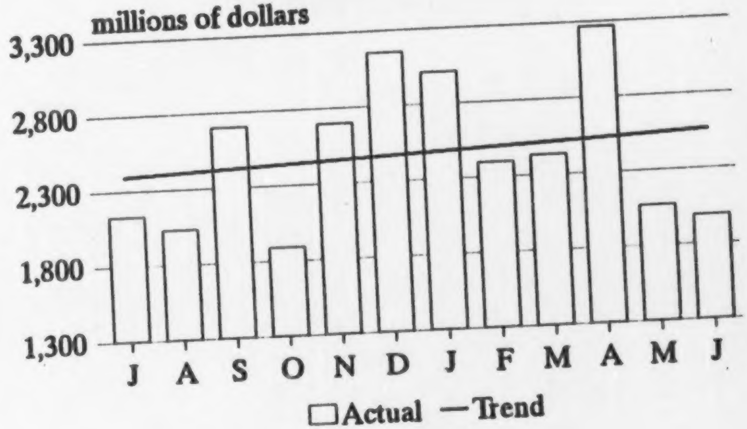
Defense Communications U.S Factory Trends June 1993

(all data seasonally adjusted)

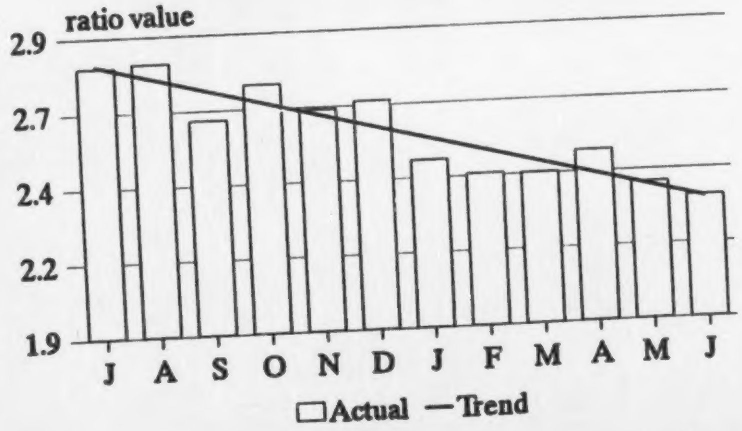
Factory Sales



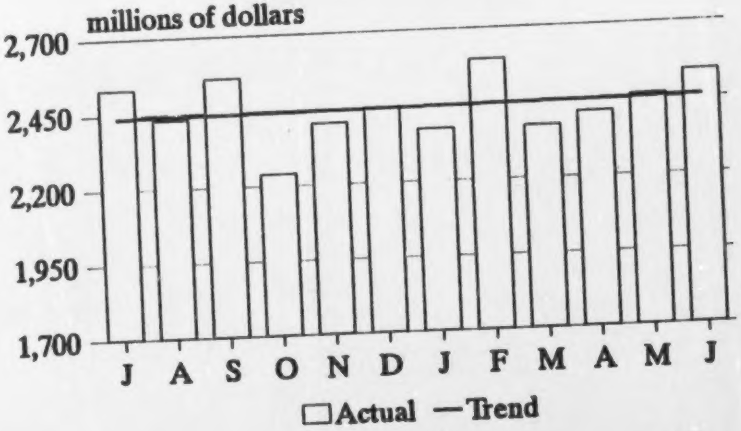
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	85	78	9.0%	88	79	11.5%	427	443	-3.7%
Exports	267	202	n/a	270	216	24.7%	1,067	1,029	3.6%
Balance	182	124	n/a	182	137	n/a	640	587	9.2%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Canada	73	80	-8.8%	Canada	113	112	0.9%
Japan	50	64	-21.9%	Japan	101	134	-24.6%
U.K.	50	58	-13.8%	U.K.	89	80	11.3%
Taiwan	44	38	15.8%	Taiwan	77	41	n/a
Mexico	39	36	8.3%	Germany	73	31	n/a
China	38	14	n/a	France	65	85	-23.5%
France	31	39	-20.5%	Netherlands	57	59	-3.4%
Israel	20	16	25.0%	Saudi Arabia	56	n/a	n/a
S. Korea	17	18	-5.6%	Israel	46	n/a	n/a
Germany	13	28	-53.6%	Egypt	44	50	-12.0%
Other	52	52	-0.9%	Other	346	437	-20.9%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY MAY 1993

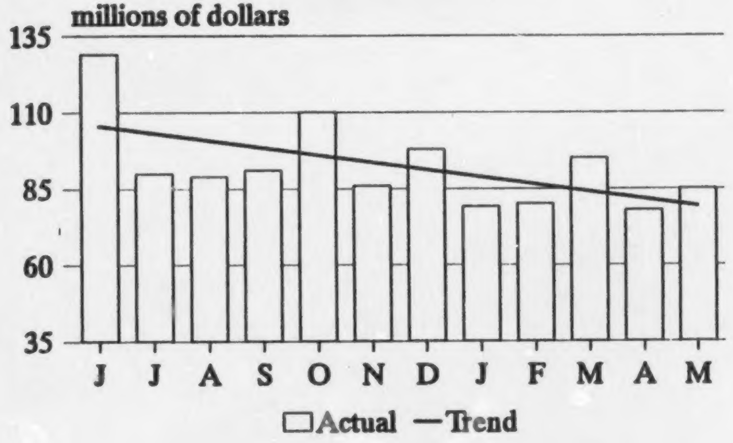
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	27,931	16,735	(11,196)	132,850	84,888	(47,962)
Sound/Sight Signaling App	1,187	9,191	8,004	6,437	27,613	21,176
Radar/Radio Navigational Equip	57,710	242,512	184,803	283,843	946,014	662,171
Meteorological/Geophysical App	812	1,537	725	3,013	8,307	5,294
Total	**87,640**	**269,976**	**182,337**	**426,144**	**1,066,824**	**640,680**

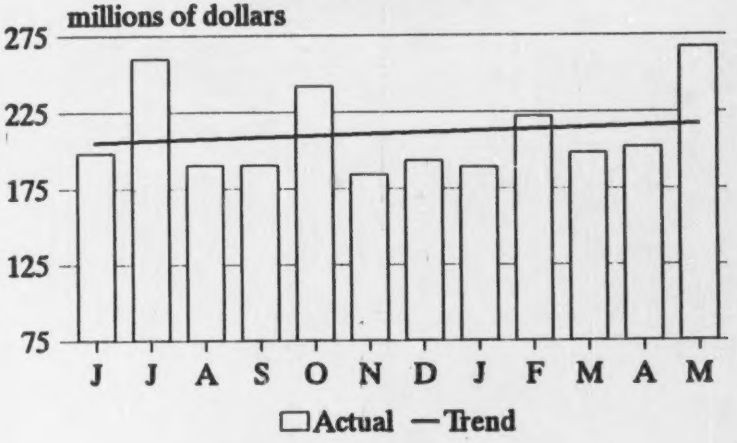
Defense Communications Trade Trends May 1993

(all data seasonally adjusted)

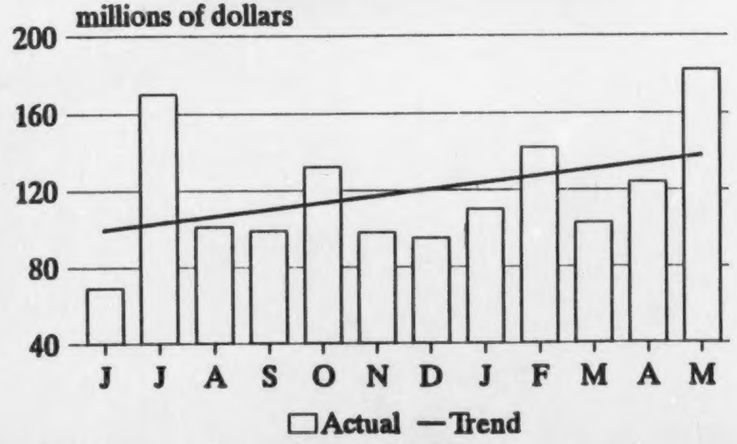
Imports



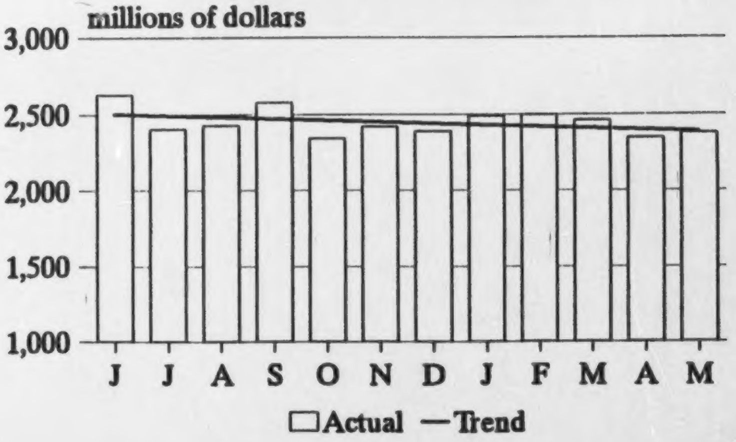
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

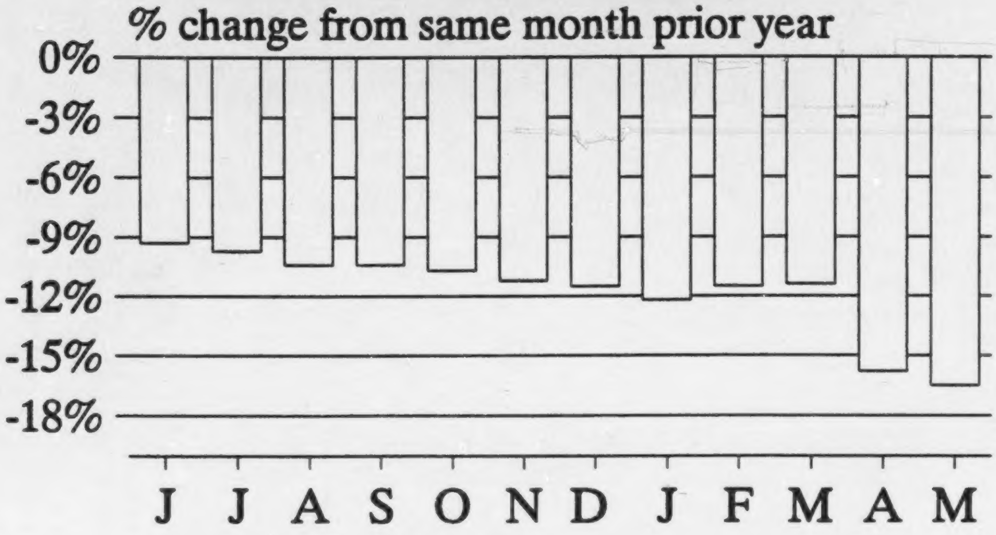
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	62.9	76.7	-18.0%	66.1	-4.8%
All Employees	202.3	242.2	-16.5%	206.3	-1.9%
Hourly Wage Index	122.6	118.0	3.9%	122.2	0.3%
Annual Sales/Employee	136,915	131,358	4.2%	135,221	1.3%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX JUNE 1993

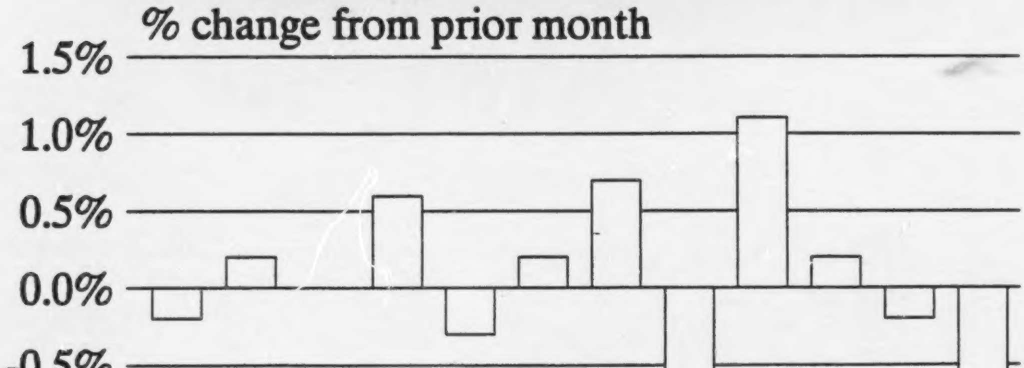
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**98.9**	**98.8**	**0.1%**	**100.2**	**-1.3%**
Navigation Systems	103.1	101.4	1.7%	103.1	0.0%
Radar Equipment	102.9	101.3	1.6%	103.5	-0.6%
Defense Electronics	93.2	95.3	-2.1%	95.8	-2.6%

Defense Communications
All Employees May 1993



Defense Communications
Composite Price Index June 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,065**	**5,055**	**0.2%**	**6,899**	**6,441**	**7.1%**	**30,775**	**26,893**	**14.4%**
New Orders	5,271	5,578	-5.5%	7,103	6,517	9.0%	35,327	27,543	28.3%
Production	5,187	5,238	-1.0%	6,506	5,873	10.8%	30,851	27,048	14.1%
Inventory	8,246	8,124	1.5%	7,525	7,586	-0.8%	n/a	n/a	
Unfilled Orders	6,656	6,710	-0.8%	6,780	6,933	-2.2%	n/a	n/a	
Book/Bill Ratio	1.04	1.10	-5.7%	1.03	1.01	1.8%	n/a	n/a	
Inv/Sales Ratio	1.63	1.61	1.3%	1.09	1.18	-7.4%	n/a	n/a	
Unf/Sales Ratio	1.31	1.33	-1.0%	0.98	1.08	-8.7%	n/a	n/a	
Prod/Sales Ratio	1.02	1.04	-1.2%	0.94	0.91	3.4%	n/a	n/a	

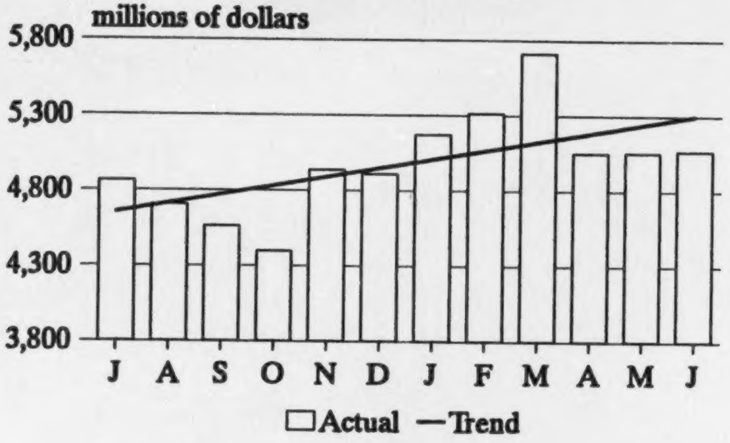
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 0.2% in June from prior month, up 14% YTD**
Orders	down	**New Orders down 6% in June, up 28% YTD**
Imports	up	**Imports up 20% from May 1992, up 25% YTD**
Exports	up	**Exports up 3% from May 1992, up 3% YTD**
Employment	down	**Total Employment, down 7% in May from prior year**
Wages	up	**Hourly Wages up 3% from May of last year**
Factory Prices	down	**Composite Producer Price Index down 13% from June 1992**

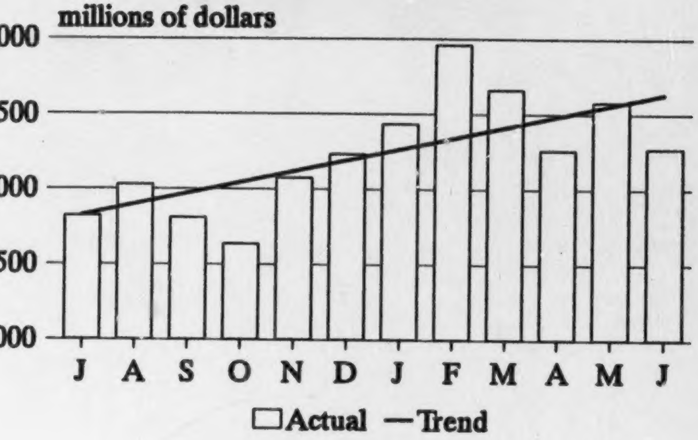
Computers & Peripherals U.S Factory Trends June 1993

(all data seasonally adjusted)

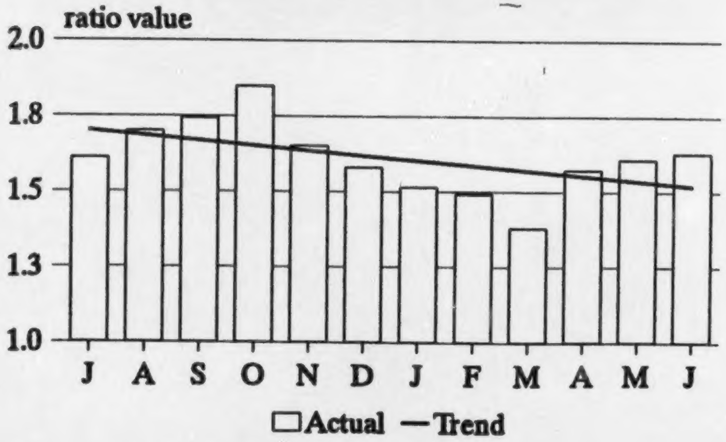
Factory Sales



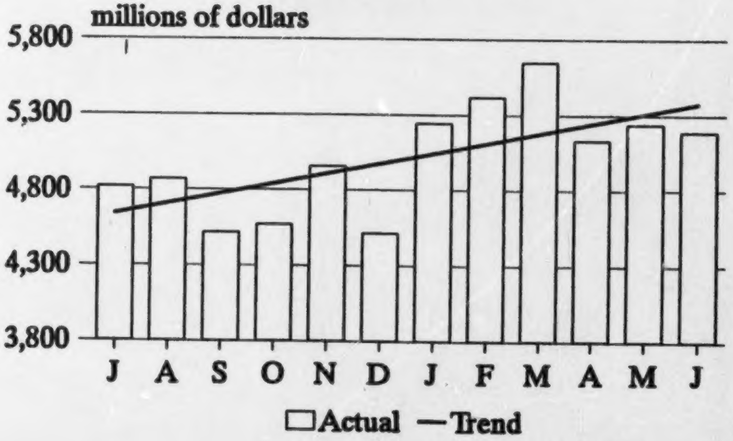
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	3,005	3,043	-1.2%	2,923	2,435	20.0%	14,616	11,662	25.3%
Exports	2,542	2,422	5.0%	2,419	2,359	2.5%	12,587	12,207	3.1%
Balance	(463)	(621)	-25.4%	(504)	(76)	n/a	(2,028)	545	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	5,107	4,179	22.2%	Canada	2,027	1,818	11.5%
Singapore	2,522	1,906	32.3%	U.K.	1,346	1,267	6.2%
Taiwan	1,891	1,623	16.5%	Japan	1,268	1,524	-16.8%
Canada	890	846	5.2%	Germany	1,116	1,226	-9.0%
S. Korea	823	484	70.0%	Netherlands	999	784	27.4%
Malaysia	461	299	54.2%	Singapore	634	579	9.5%
Thailand	428	251	70.5%	Mexico	579	456	27.0%
Mexico	410	333	23.1%	France	532	610	-12.8%
U.K.	410	381	7.6%	Australia	388	428	-9.3%
Hong Kong	367	260	41.2%	Hong Kong	303	n/a	n/a
Other	1,307	1,100	18.8%	Other	3,395	3,515	-3.4%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY MAY 1993

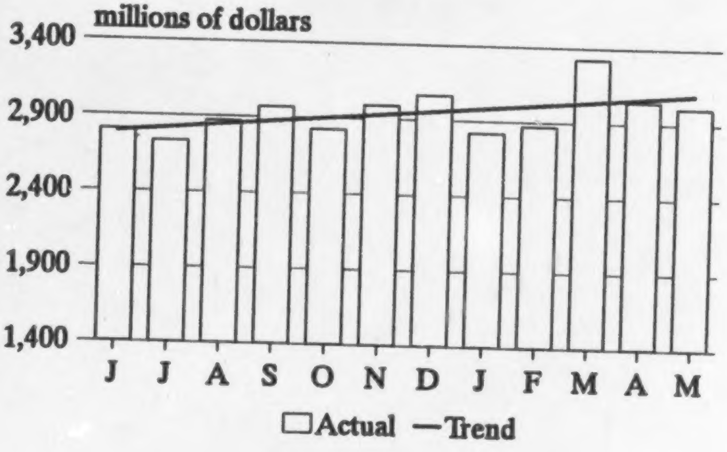
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	385,955	574,110	188,154	1,952,296	3,121,341	1,169,044
Monitors	373,550	54,167	(319,383)	1,864,813	279,873	(1,584,940)
Disk Drives and Blank Media	789,002	496,536	(292,467)	4,084,769	2,542,862	(1,541,907)
Printers	244,884	154,303	(90,581)	1,300,150	648,196	(651,954)
Other Computer Peripherals	70,224	96,033	25,809	357,195	468,218	111,023
Other Business Machines/Parts	1,058,888	1,043,971	(14,918)	5,054,731	5,527,132	472,400
Total	**2,922,504**	**2,419,119**	**(503,385)**	**14,613,954**	**12,587,621**	**(2,026,333)**

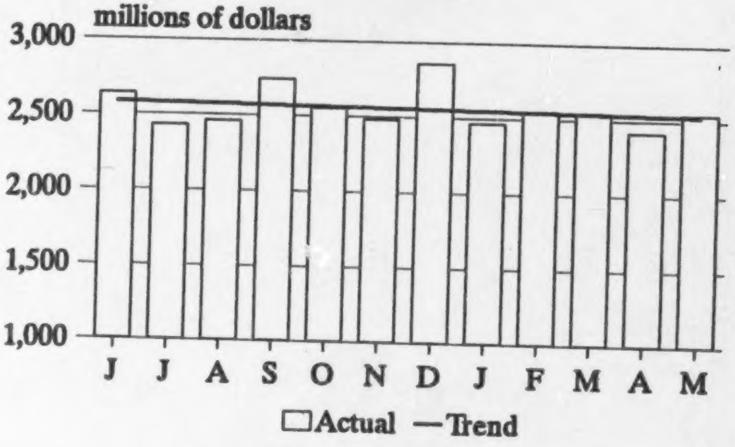
Computers & Peripherals Trade Trends May 1993

(all data seasonally adjusted)

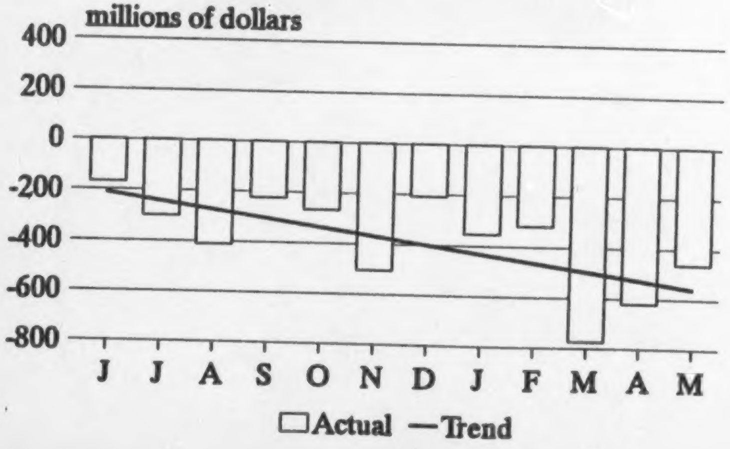
Imports



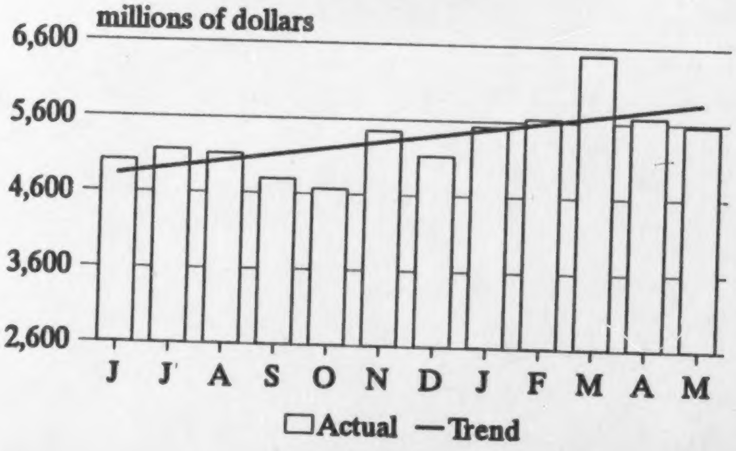
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

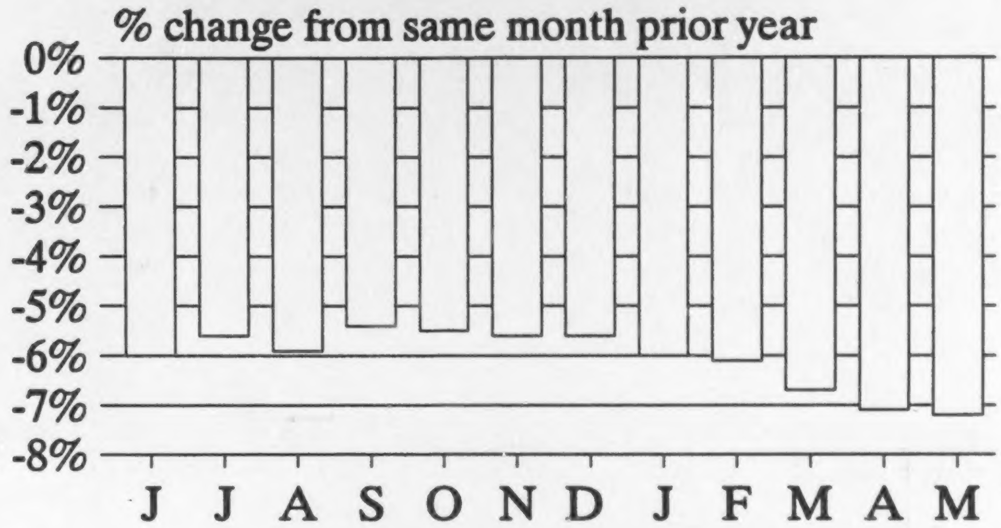
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	**122.6**	**127.8**	**-4.1%**	**123.7**	**-0.9%**
Computers	55.2	61.8	-10.7%	55.9	-1.3%
Other	67.4	66.0	2.1%	67.8	-0.6%
All Employees	**365.1**	**393.6**	**-7.2%**	**367.6**	**-0.7%**
Computers	214.5	244.1	-12.1%	216.8	-1.1%
Other	150.6	149.5	0.7%	150.8	-0.1%
Hourly Wage Index	119.3	115.8	3.0%	116.9	2.0%
Annual Sales/Employee	131,596	107,777	22.1%	129,732	1.4%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX JUNE 1993

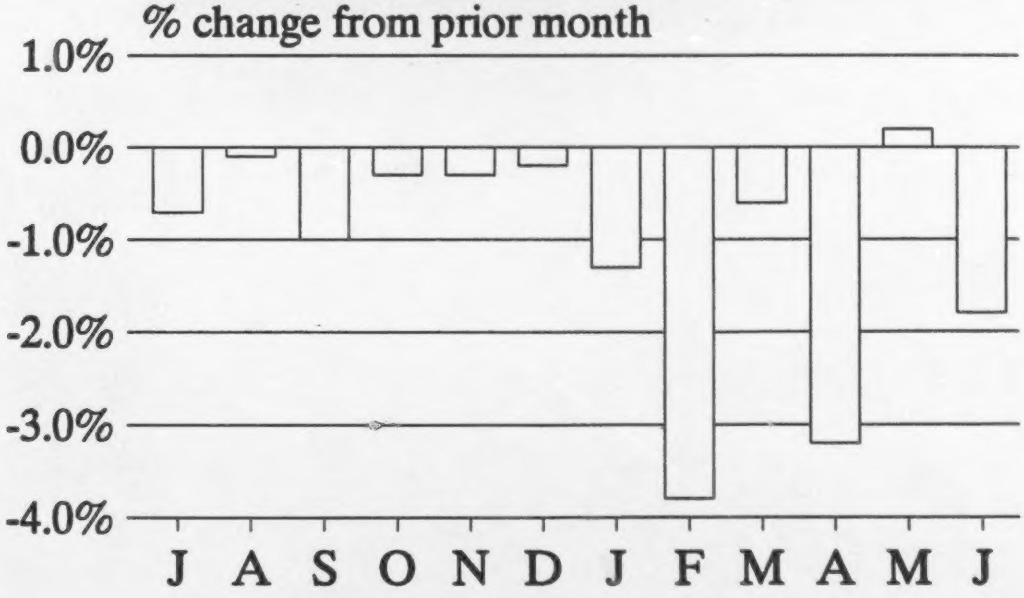
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**65.5**	**74.8**	**-12.5%**	**66.7**	**-1.8%**
Computers	66.3	74.1	-10.6%	68.3	-3.0%
Serial Access Devices	86.2	n/a	n/a	86.8	-0.7%
Hard Disks	101.1	100.6	0.5%	102.9	-1.7%
Floppy Diskettes	88.6	94.9	-6.6%	89.0	-0.4%

Computers & Peripherals All Employees May 1993



Computers & Peripherals Composite Price Index June 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,291**	**2,307**	**-0.7%**	**2,428**	**2,385**	**1.8%**	**13,354**	**12,902**	**3.5%**
New Orders	2,350	2,268	3.6%	4,738	2,443	n/a	25,147	13,889	n/a
Production	2,291	2,286	0.2%	2,379	2,245	6.0%	12,955	11,842	9.4%
Inventory	4,619	4,619	0.0%	2,685	3,570	-24.8%	n/a	n/a	
Unfilled Orders	5,563	5,583	-0.3%	3,185	4,233	-24.8%	n/a	n/a	
Book/Bill Ratio	1.03	0.98	4.4%	1.95	1.02	n/a	n/a	n/a	
Inv/Sales Ratio	2.02	2.00	0.7%	1.11	1.50	-26.1%	n/a	n/a	
Unf/Sales Ratio	2.43	2.42	0.4%	1.31	1.77	-26.1%	n/a	n/a	
Prod/Sales Ratio	1.00	0.99	0.9%	0.98	0.94	4.1%	n/a	n/a	

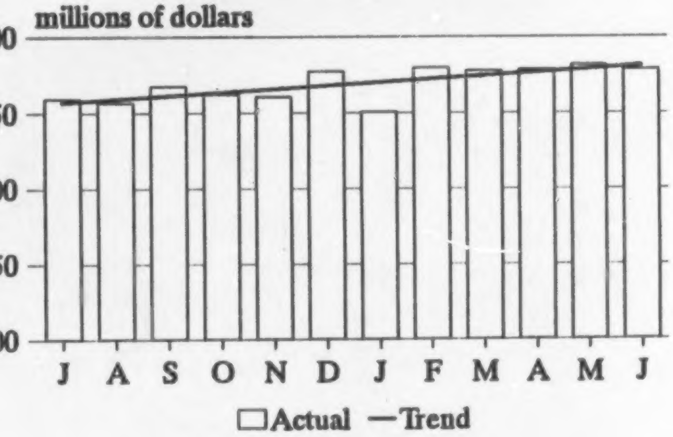
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 1% in June from prior month, up 4% YTD**
Orders	up	**New Orders up 4% in June, up sharply YTD**
Imports	up	**Imports up 1% from May 1992, up 17% YTD**
Exports	up	**Exports up 9% from May 1992, up 9% YTD**
Employment	down	**Total Employment, down 5% in May from prior year**
Wages	up	**Hourly Wages up 13% from May of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from June 1992**

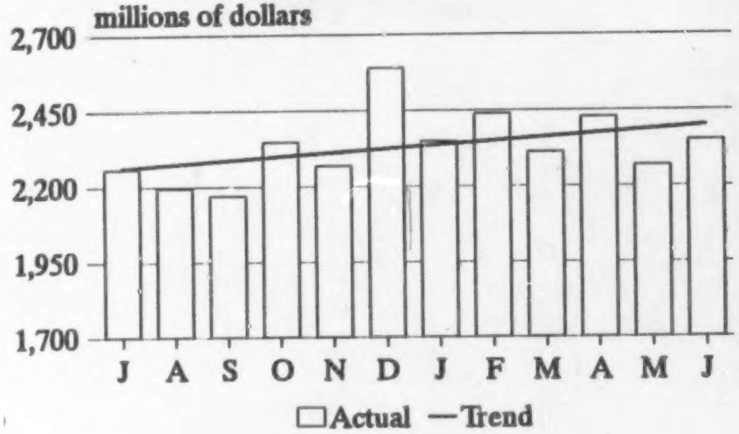
Industrial Electronics U.S Factory Trends June 1993

(all data seasonally adjusted)

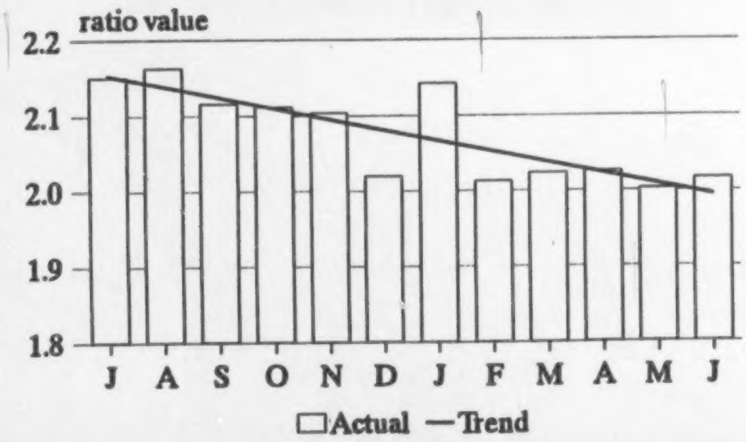
Factory Sales



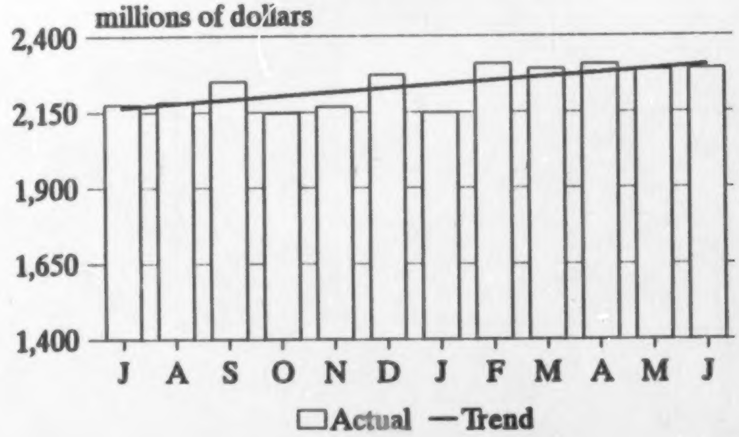
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	273	278	-1.8%	265	264	0.5%	1,311	1,121	16.9%
Exports	710	716	-0.8%	699	640	9.3%	3,310	3,030	9.2%
Balance	437	438	-0.2%	434	376	15.4%	1,999	1,909	4.7%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	470	303	55.1%	Canada	520	421	23.5%
Canada	171	168	1.8%	Japan	386	436	-11.5%
Germany	161	137	17.5%	U.K.	237	209	13.4%
U.K.	147	144	2.1%	Germany	231	247	-6.5%
Mexico	72	76	-5.3%	Mexico	200	190	5.3%
France	42	38	10.5%	S. Korea	189	175	8.0%
Switzerland	35	30	16.7%	France	159	165	-3.6%
Taiwan	26	25	4.0%	Taiwan	150	131	14.5%
Sweden	25	25	0.0%	China	105	n/a	n/a
Netherlands	24	30	-20.0%	Singapore	105	78	34.6%
Other	138	145	-4.9%	Other	1,028	978	5.1%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY MAY 1993

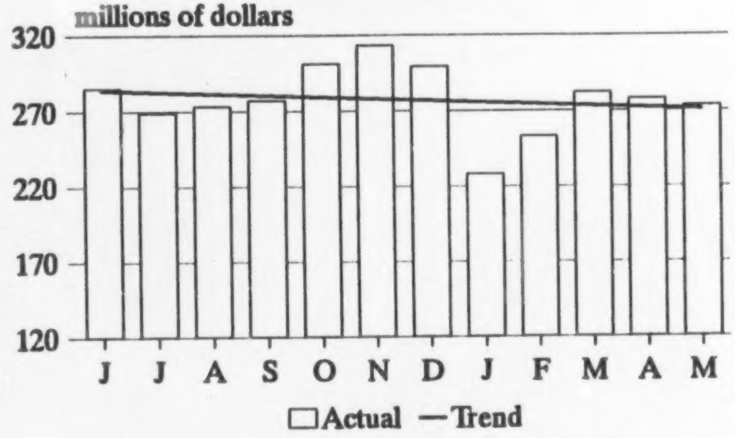
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	21,562	6,606	(14,955)	86,186	34,603	(51,583)
Testing/Analyzing Equip	43,979	180,799	136,821	212,749	913,567	700,818
Measuring/Analyzing Equip	64,862	228,501	163,639	343,303	1,045,971	702,668
Process/Control Devices	15,212	62,798	47,587	96,445	279,012	182,567
Other Electronic Machinery	113,338	192,426	79,088	566,442	880,228	313,786
Total	**258,952**	**671,131**	**412,179**	**1,305,124**	**3,153,381**	**1,848,256**

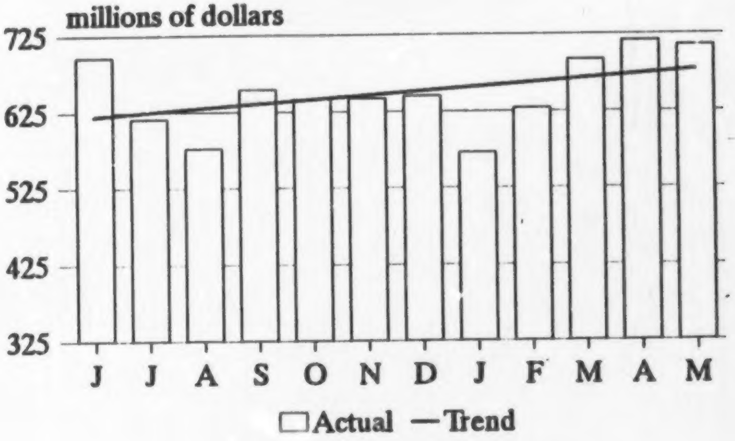
Industrial Electronics Trade Trends May 1993

(all data seasonally adjusted)

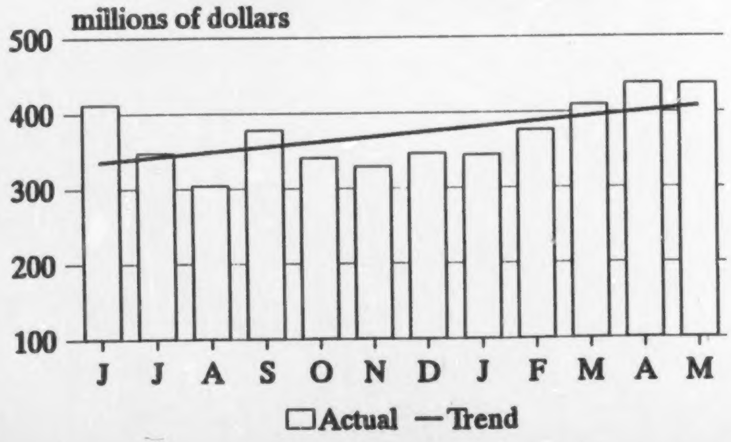
Imports



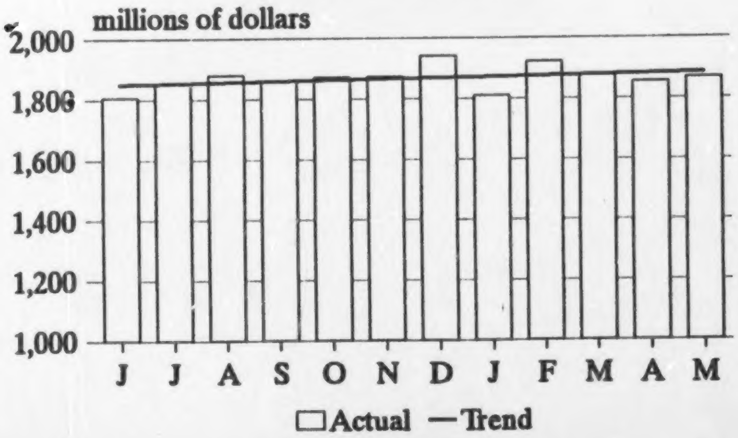
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

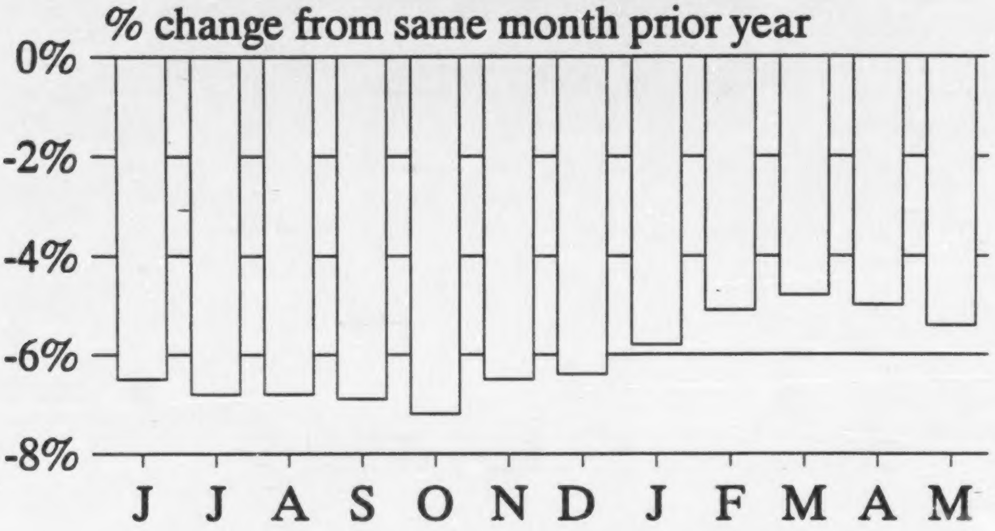
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	**108.8**	**118.2**	**-8.0%**	**109.3**	**-0.5%**
Process Controls	27.2	28.8	-5.6%	27.1	0.4%
Testing/Measuring	34.9	39.6	-11.9%	35.3	-1.1%
Other	46.7	49.8	-6.2%	46.9	-0.4%
All Employees	**219.1**	**231.5**	**-5.4%**	**220.4**	**-0.6%**
Process Controls	56.8	59.3	-4.2%	56.9	-0.2%
Testing/Measuring	72.7	80.3	-9.5%	73.6	-1.2%
Other	89.6	91.9	-2.5%	89.9	-0.3%
Hourly Wage Index	130.1	114.9	13.3%	128.4	1.4%
Annual Sales/Employee	119,138	108,051	10.3%	117,888	1.1%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX JUNE 1993

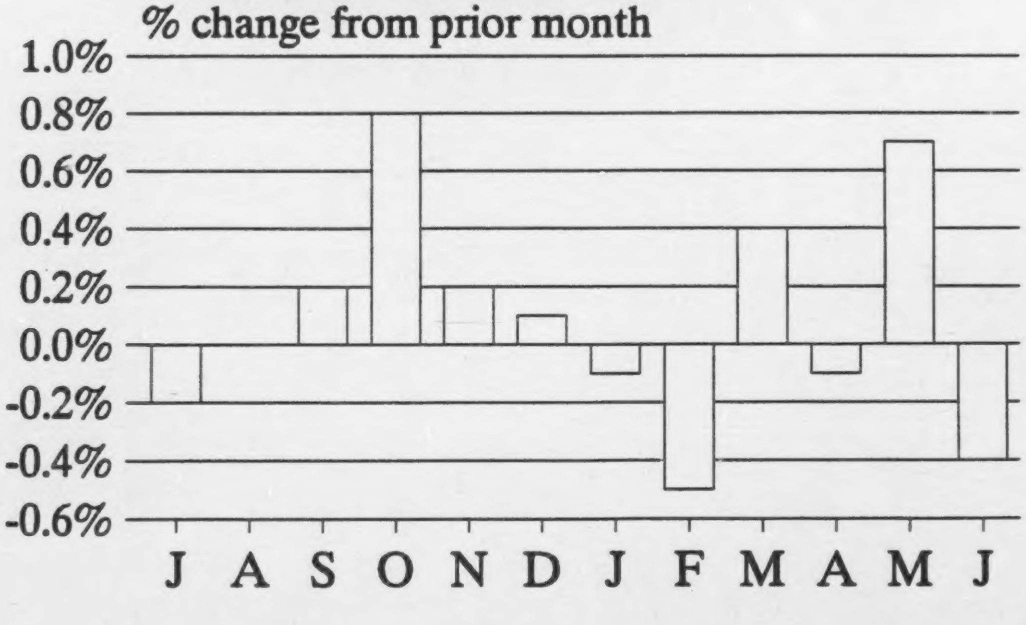
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**104.4**	**103.3**	**1.1%**	**104.9**	**-0.4%**
Testing/Measuring	103.3	102.7	0.6%	104.2	-0.8%
Nuclear Radiation	104.9	103.6	1.2%	104.9	0.0%
Process Controls	105.9	102.7	3.1%	105.9	0.0%
Other Equipment	104.8	104.6	0.2%	104.9	-0.1%

Industrial Electronics
All Employees May 1993



Industrial Electronics
Composite Price Index June 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**661**	**626**	**5.6%**	**709**	**712**	**-0.4%**	**3,903**	**3,923**	**-0.5%**
New Orders	621	656	-5.4%	667	644	3.5%	3,820	3,786	0.9%
Production	666	629	5.8%	697	704	-1.0%	3,938	3,974	-0.9%
Inventory	1,429	1,425	0.3%	1,434	1,395	2.8%	n/a	n/a	
Unfilled Orders	1,827	1,868	-2.2%	1,825	1,719	6.2%	n/a	n/a	
Book/Bill Ratio	0.94	1.05	-10.4%	0.94	0.91	3.9%	n/a	n/a	
Inv/Sales Ratio	2.16	2.27	-5.0%	2.02	1.96	3.2%	n/a	n/a	
Unf/Sales Ratio	2.76	2.98	-7.4%	2.58	2.42	6.6%	n/a	n/a	
Prod/Sales Ratio	1.01	1.00	0.2%	0.98	0.99	-0.6%	n/a	n/a	

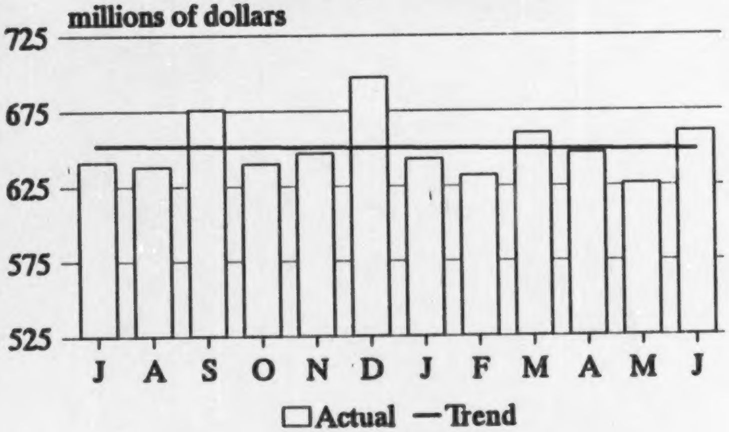
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 6% in June from prior month, down 1% YTD**
Orders	down	**New Orders down 5% in June, up 1% YTD**
Imports	up	**Imports up 11% from May 1992, up 5% YTD**
Exports	up	**Exports up 11% from May 1992, up 9% YTD**
Employment	down	**Total Employment, down 2% in from May prior year**
Wages	down	**Hourly Wages unchanged from May of last year**
Factory Prices	down	**Composite Producer Price Index down 0.4% from June 1992**

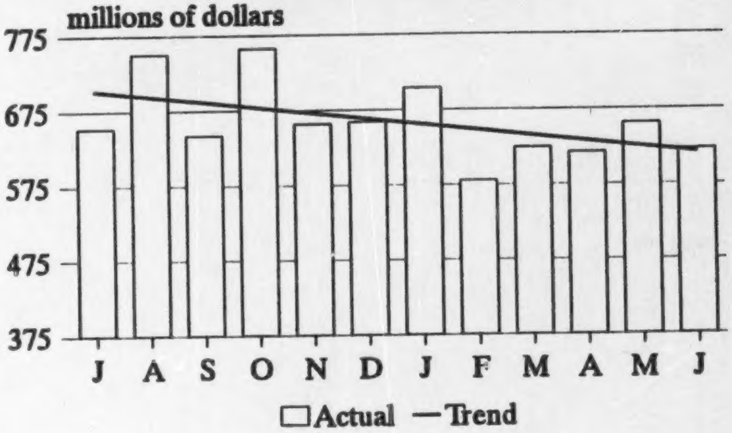
Electromedical Equipment U.S Factory Trends June 1993

(all data seasonally adjusted)

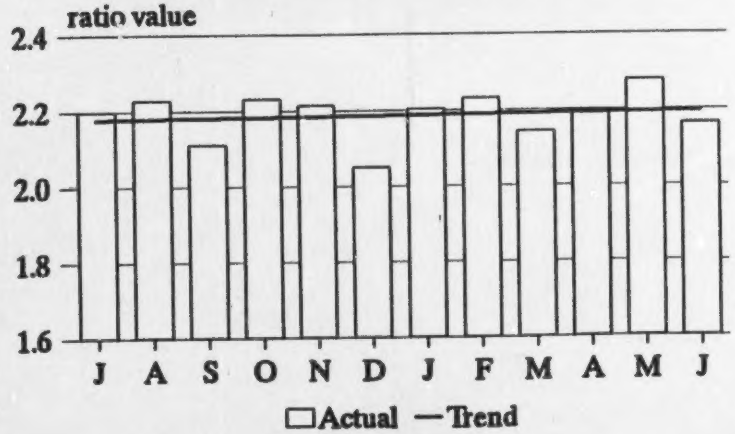
Factory Sales



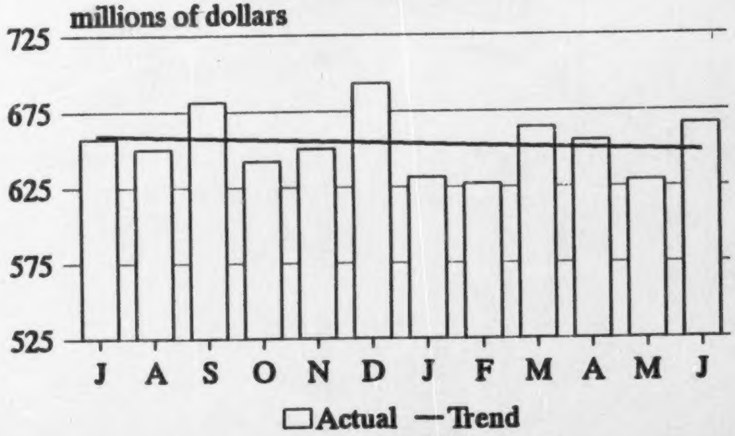
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY MAY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	May-93	Apr-93	% ch.	May-93	May-92	% ch.	YTD-93	YTD-92	% ch.
Imports	184	206	-10.7%	178	161	10.6%	937	892	5.1%
Exports	323	290	11.4%	319	290	9.8%	1,508	1,390	8.5%
Balance	139	84	n/a	141	130	8.8%	571	499	14.5%

ELECTROMEDICAL BILATERAL TRADE SUMMARY MAY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	May-93	May-92	% ch.		May-93	May-92	% ch.
Japan	297	280	6.1%	Japan	235	199	18.1%
Germany	274	277	-1.1%	Germany	196	209	-6.2%
Netherlands	80	63	27.0%	Canada	130	121	7.4%
France	59	57	3.5%	Netherlands	114	114	0.0%
Mexico	42	42	0.0%	France	89	77	15.6%
U.K.	32	32	0.0%	U.K.	76	74	2.7%
Singapore	18	5	n/a	Mexico	64	51	25.5%
Sweden	15	13	15.4%	Australia	49	41	19.5%
Israel	14	14	0.0%	Belgium	45	n/a	n/a
Canada	13	12	8.3%	S. Korea	40	3	n/a
Other	93	97	-3.5%	Other	470	501	-6.2%

ELECTROMEDICAL PRODUCT TRADE SUMMARY MAY 1993

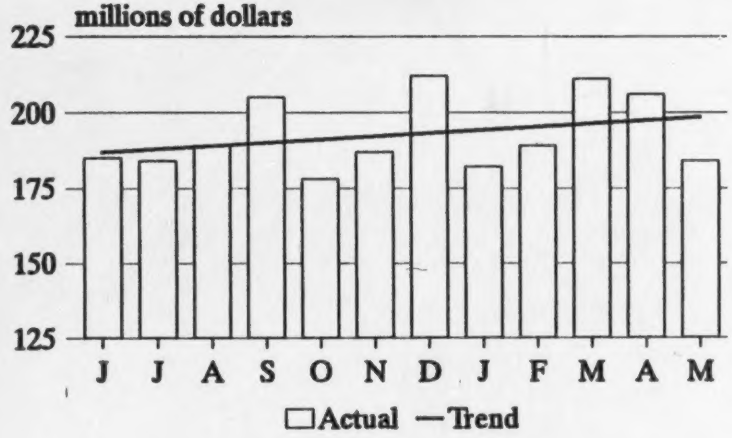
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	94,496	243,309	148,813	511,976	1,134,381	622,405
X-Ray and Related Equip	83,117	75,516	(7,601)	424,652	373,746	(50,906)
Total	**177,613**	**318,825**	**141,212**	**936,628**	**1,508,126**	**571,499**

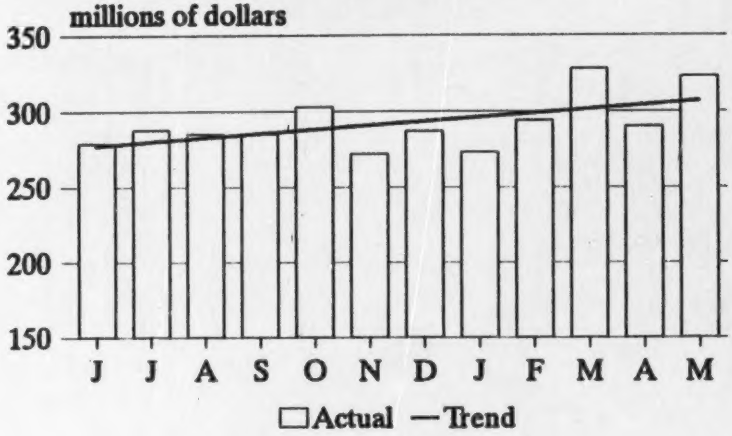
Electromedical Equipment Trade Trends May 1993

(all data seasonally adjusted)

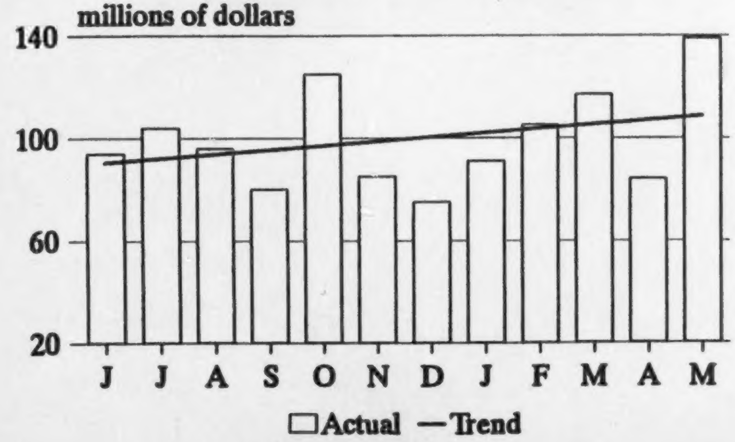
Imports



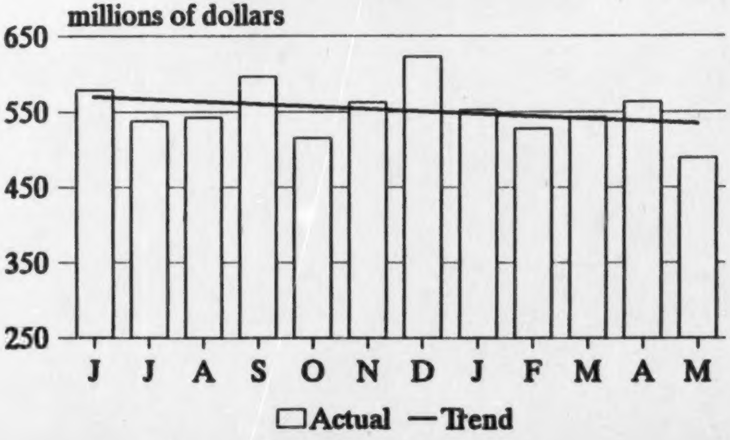
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY MAY 1993

(thousands of workers, hourly wage index 1/88=100)

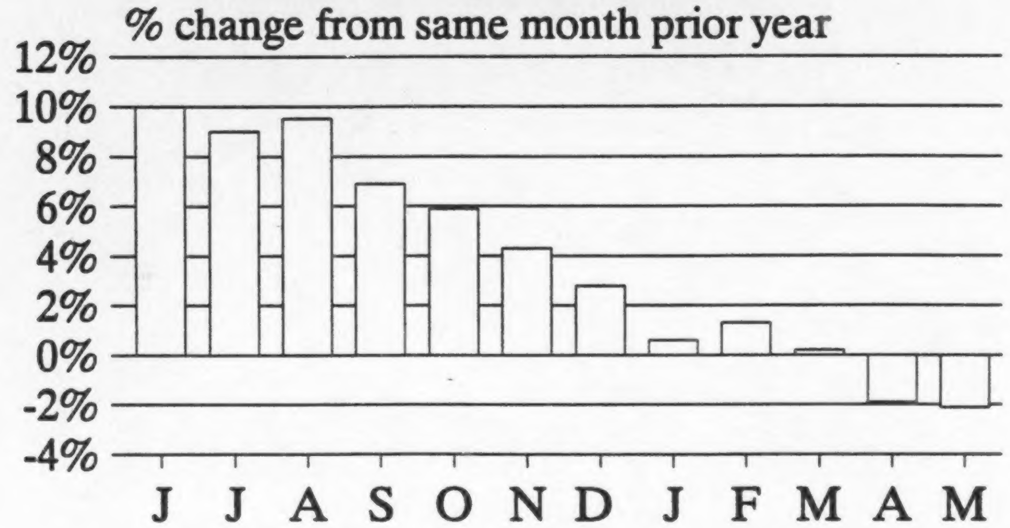
	Not Seasonally Adjusted				
	May-93	May-92	% ch.	Apr-93	% ch.
Production Workers	19.3	19.4	-0.5%	19.4	-0.5%
All Employees	47.4	48.4	-2.1%	47.4	0.0%
Hourly Wage Index	120.9	120.9	0.0%	120.9	0.0%
Annual Sales/Employee	163,543	166,960	-2.0%	163,537	0.0%

ELECTROMEDICAL PRODUCER PRICE INDEX JUNE 1993

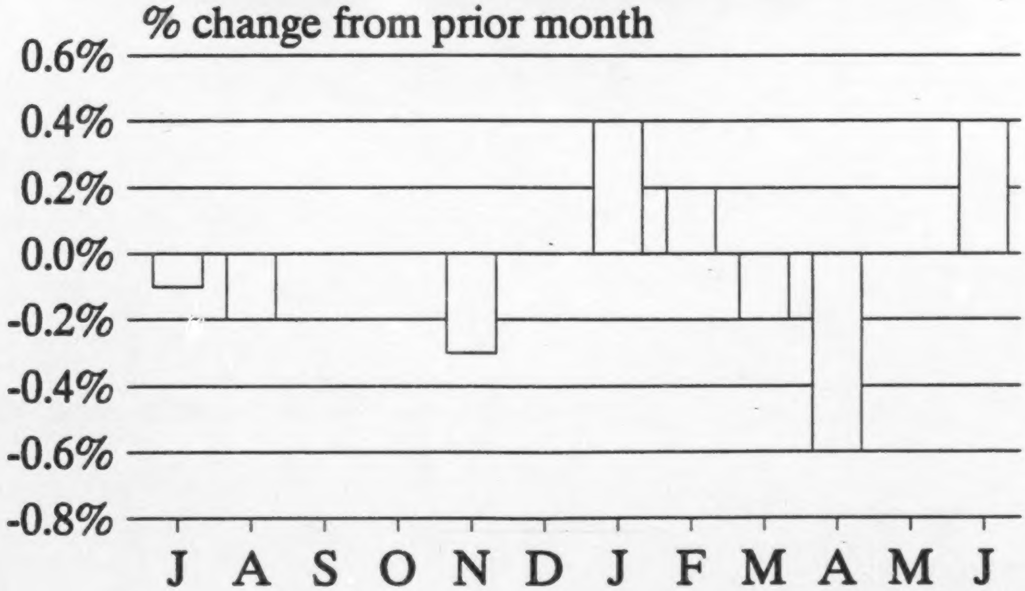
(12/90=100)

	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Composite Index	**102.3**	**102.7**	**-0.4%**	**101.8**	**0.4%**
Irradiation Equipment	102.6	102.0	0.6%	102.6	0.0%
Diagnostic/Monitoring	101.3	103.3	-1.9%	101.2	0.1%
Electrotherapeutic	104.7	102.1	2.6%	102.5	2.1%

Electromedical Equipment All Employees May 1993



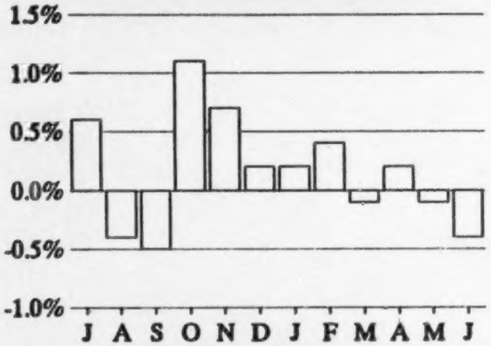
Electromedical Equipment Composite Price Index June 1993



Economic Data Bank - As of August 14, 1993

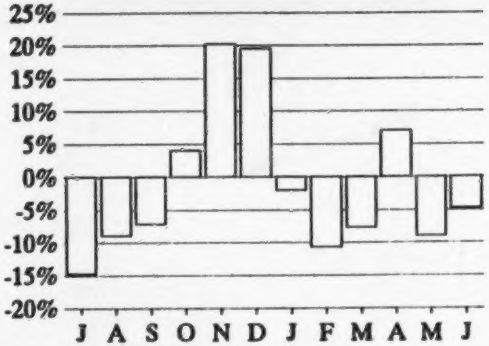
	Current Period	Previous Period	Year Ago
	Jun-93	May-93	Jun-92
Capacity Utilization (% utilized)	81.2	81.5	79.5
	Jul-93	Jun-93	Jul-92
Consumer Confidence (Index 1985=100)	57.7	58.6	61.9
	2nd Qtr	1st Qtr	2nd Qtr
Gross Domestic Product (billions 1987 $)	5,019.5	4,999.9	4,892.4
	1st Qtr	4th Qtr	1st Qtr
Gross National Product (billions 1987 $)	5,008.5	4,995.9	4,890.7
	2nd Qtr	1st Qtr	2nd Qtr
Government Purchases (billions 1987 $)	920.1	919.6	934.2
	Jun-93	May-93	Jun-92
Industrial Production (Index 1987=100)	110.1	110.3	106.0
	Jun-93	May-93	Jun-92
Housing Starts (annual rate 000's)	1,254	1,254	1,141
	Jun-93	May-93	Jun-92
Leading Economic Indicators (Index 1987=100)	151.6	151.4	148.8
	Jul-93	Jun-93	Jul-92
90-Day T-Bill Rate (%)	3.10	3.05	3.28
	Jul-93	Jun-93	Jul-92
Prime Rate (%)	6.00	6.00	6.25
	Jun-93	May-93	Jun-92
Unemployment Rate (% of labor force)	6.9	6.8	7.6
	Jun-93	May-93	Jun-92
Real Money Supply M-2 (billions 1987 $)	2,347.3	2,343.2	2,382.7
	Jun-93	May-93	Jun-92
Retail Sales (billions of dollars)	171.9	171.3	161.1
	Jun-93	May-93	Jun-92
Disposable Personal Income (billions 1987 $)	3,655.6	3,658.7	3,576.1
	Jun-93	May-93	Jun-92
Auto Sales (annual rate millions)	9.2	9.1	8.9
	Jun-93	May-93	Jun-92
Personal Savings Rate (% of income)	4.3	4.8	5.2
	Jun-93	May-93	Jun-92
CPI-U All Items (Index 1982-84=100)	144.4	144.2	140.2
	Jun-93	May-93	Jun-92
PPI Finished Goods (Index 1982-84=100)	125.3	125.7	123.5
	May-93	Apr-93	May-92
Balance of Trade (billions of dollars)	(8.4)	(10.5)	(7.7)

Capacity Utilization
(percent change from previous month)



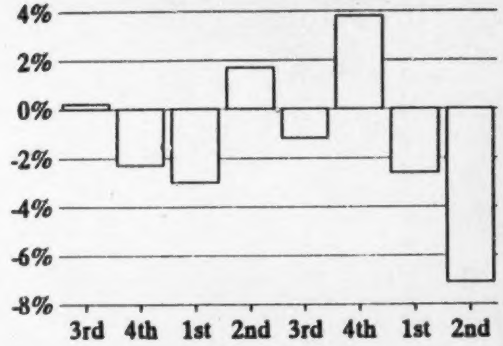
Source: Federal Reserve Board

Consumer Confidence Index
(percent change from previous month)



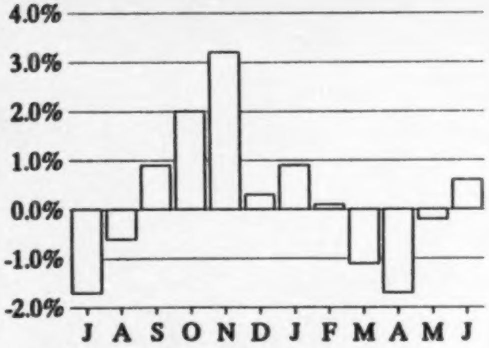
Source: Conference Board

Government Purchases
(quarter vs. previous quarter)



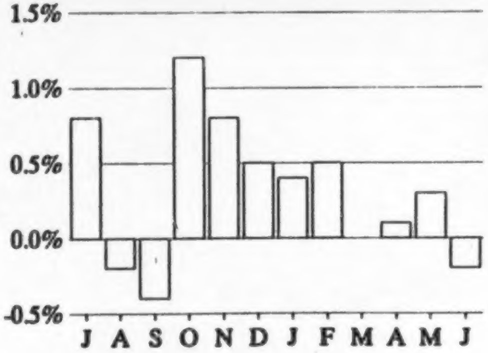
Source: Department of Commerce

Trade Weighted Dollar Index
(percent change from previous month)



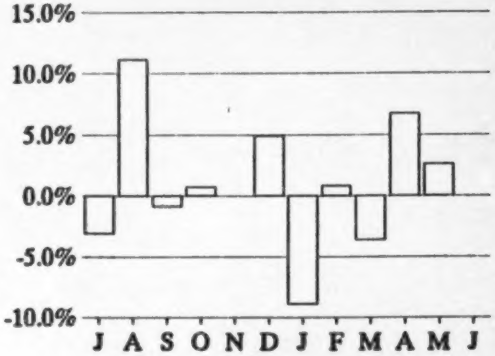
Source: Federal Reserve Bank of Atlanta

Industrial Production
(percent change from previous month)



Source: Federal Reserve Board

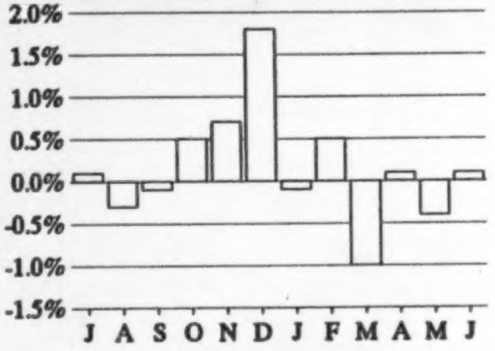
Housing Starts
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

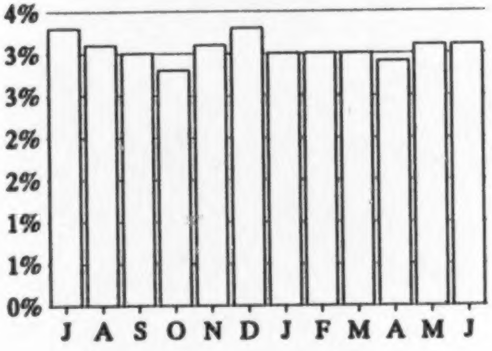
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

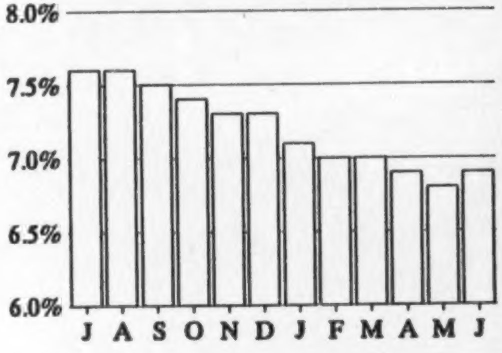
(interest rate)



Source: Conference Board

Unemployment Rate

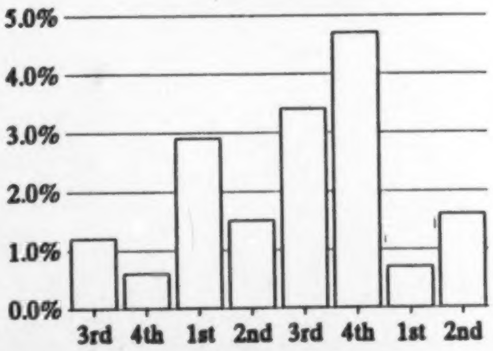
(precent of civilian laborforce)



Source: Department of Commerce

Real GDP

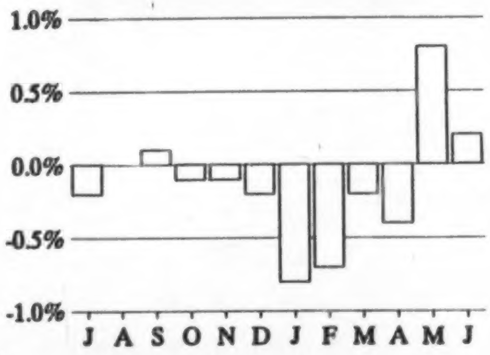
(quarter vs. previous quarter)



Source: Department of Commerce

Real Money Supply M-2

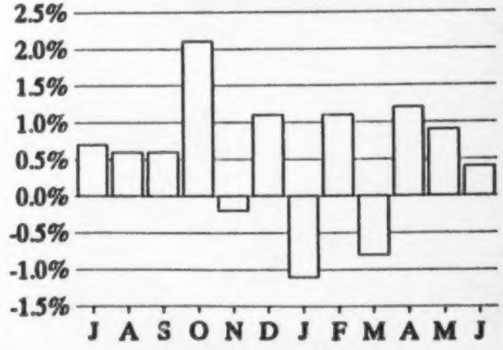
(percent change from previous month)



Source: Department of Commerce

Retail Sales

(percent change from previous month)



Source: Department of Commerce

Endnotes:

Total factory sales on page 1, represent total sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

The U.S. Electronics Industry Composite Producer Price Index is a weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications, equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, and electromedical equipment.

All import data is imports for consumption at customs value.

All export data is total exports = reexports + exports from domestic production.

Sources:

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Data - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

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This yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: computers, consumer electronics, electronic components, government electronics, industrial electronics and telecommunications. Another section provides complete international trade, employment and R&D information. Packed with over 100 tables, charts, and graphs, the **Electronic Market Data Book** provides sales and production figures for the most recent year as well as historical data and other information to help pinpoint growing markets and spot trends. For over 35 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** because it provides the most up-to-date and reliable data available—from the U.S. government, industry experts, private sources and EIA Marketing Services statistial programs. A table of contents from the **Electronic Market Data Book** is available free on request.

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U.S. ELECTRONICS FACTORY DATA SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**25,884**	**26,377**	**-1.9%**	**21,975**	**20,555**	**6.9%**	**172,237**	**159,849**	**7.7%**
New Orders	16,105	16,685	-3.5%	15,776	12,901	22.3%	123,829	102,095	21.3%
Production	16,265	15,920	2.2%	13,997	13,057	7.2%	94,848	86,656	9.5%
Inventory	33,880	33,766	0.3%	31,715	33,033	-4.0%	n/a	n/a	
Unfilled Orders	59,322	59,582	-0.4%	57,218	58,597	-2.4%	n/a	n/a	
Book/Bill Ratio	0.62	0.63	-1.6%	0.72	0.63	14.4%	n/a	n/a	
Inv/Sales Ratio	1.31	1.28	2.3%	1.44	1.61	-10.2%	n/a	n/a	
Unf/Sales Ratio	2.29	2.26	1.5%	2.60	2.85	-8.7%	n/a	n/a	
Prod/Sales Ratio	0.63	0.60	4.1%	0.64	0.64	0.3%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	8,985	8,086	11.1%	8,843	7,571	16.8%	46,792	40,369	15.9%
Exports	6,786	7,046	-3.7%	6,948	6,707	3.6%	41,047	37,820	8.5%
Balance	(2,199)	(1,040)	n/a	(1,895)	(864)	n/a	(5,745)	(2,550)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Jun-93	Jun-92	% ch.	Jun-93	Jun-92	% ch.	Imports	Exports	Balance
Japan	2,907	2,514	15.6%	689	685	0.6%	15,908	3,974	(11,934)
Canada	600	651	-7.8%	1,123	1,175	-4.4%	3,271	6,733	3,462
Singapore	888	712	24.7%	402	314	28.0%	4,405	2,278	(2,127)
Mexico	584	507	15.2%	549	487	12.7%	2,991	3,085	94
Taiwan	762	668	14.1%	267	275	-2.9%	4,093	1,651	(2,442)
S. Korea	630	467	34.9%	246	310	-20.6%	3,173	1,454	(1,719)
Malaysia	617	453	36.2%	219	183	19.7%	3,219	1,372	(1,847)
U.K.	233	237	-1.7%	510	492	3.7%	1,210	3,252	2,042
Germany	227	209	8.6%	421	427	-1.4%	1,269	2,561	1,292
Hong Kong	156	n/a	n/a	214	n/a	n/a	953	1,304	351
Other	1,049	918	14.3%	2,308	2,100	9.9%	6,300	13,383	7,083

U.S. ELECTRONICS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.
Production Workers	805.9	812.3	-0.8%	805.1	849.3	-5.2%
All Employees	**1,697.4**	**1,709.1**	**-0.7%**	**1,695.3**	**1,809.6**	**-6.3%**
Hourly Wage Index	n/a	n/a		119.7	116.5	2.7%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX JULY 1993

(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**92.6**	**94.2**	**-1.7%**	**92.4**	**0.2%**

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	down	**Factory sales down 2% in July from prior month, up 8% YTD**
Orders	down	**New orders down 4% in July, up 21% YTD**
Imports	up	**Imports up 17% from June 1992, up 16% YTD**
Exports	up	**Exports up 4% from June 1992, up 9% YTD**
Employment	down	**Total Employment, down 6% in June from prior year**
Wages	up	**Hourly Wages up 3% from June of last year**
Factory Prices	down	**Composite Producer Price Index down 2% over July 1992**

ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**6,093**	**6,490**	**-6.1%**	**5,664**	**4,964**	**14.1%**	**41,547**	**36,087**	**15.1%**
New Orders	7,008	6,417	9.2%	6,461	5,013	28.9%	41,662	36,742	13.4%
Production	6,165	6,444	-4.3%	5,864	5,039	16.4%	42,129	36,195	16.4%
Inventory	9,049	8,978	0.8%	9,202	8,755	5.1%	n/a	n/a	
Unfilled Orders	15,143	13,888	9.0%	15,181	14,135	7.4%	n/a	n/a	
Book/Bill Ratio	1.15	0.99	16.3%	1.14	1.01	13.0%	n/a	n/a	
Inv/Sales Ratio	1.49	1.38	7.3%	1.62	1.76	-7.9%	n/a	n/a	
Unf/Sales Ratio	2.49	2.14	16.1%	2.68	2.85	-5.9%	n/a	n/a	
Prod/Sales Ratio	1.01	0.99	1.9%	1.04	1.01	2.0%	n/a	n/a	

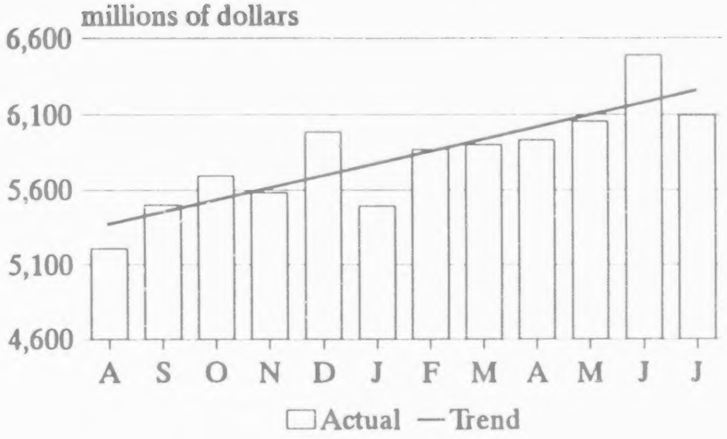
ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 6% in July from prior month, up 15% YTD**
Orders	up	**New Orders up 9% in July, up 13% YTD**
Imports	up	**Imports up 20% from June 1992, up 16% YTD**
Exports	up	**Exports up 14% from June 1992, up 16% YTD**
Employment	down	**Total Employment, down fractionally in June from prior year**
Wages	up	**Hourly Wages up 5% from June of last year**
Factory Prices	up	**Composite Producer Price Index up 0.2% from July 1992**

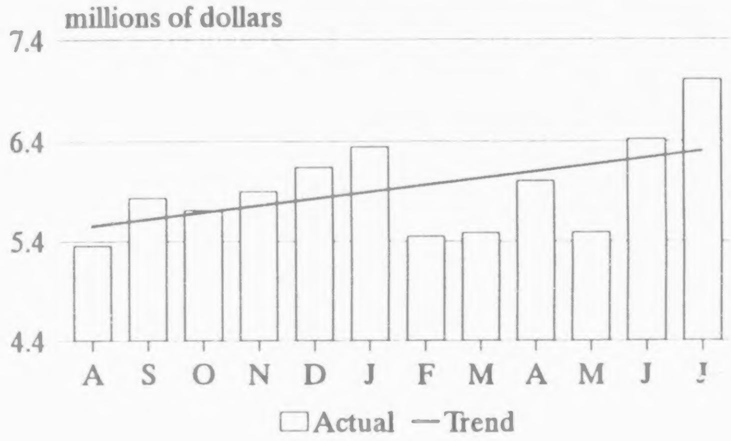
Electronics Components U.S Factory Trends July 1993

(all data seasonally adjusted)

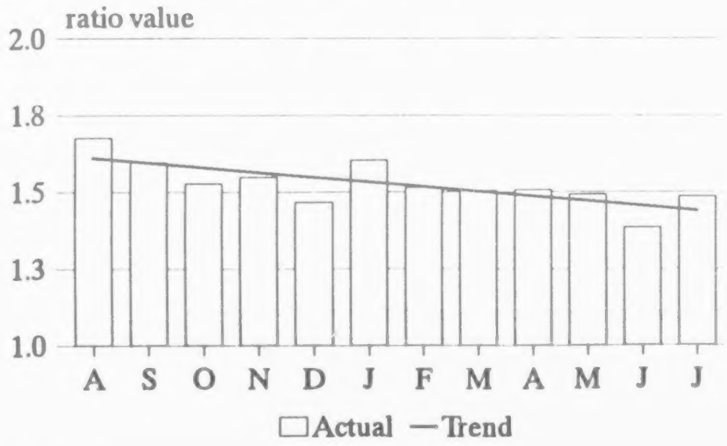
Factory Sales



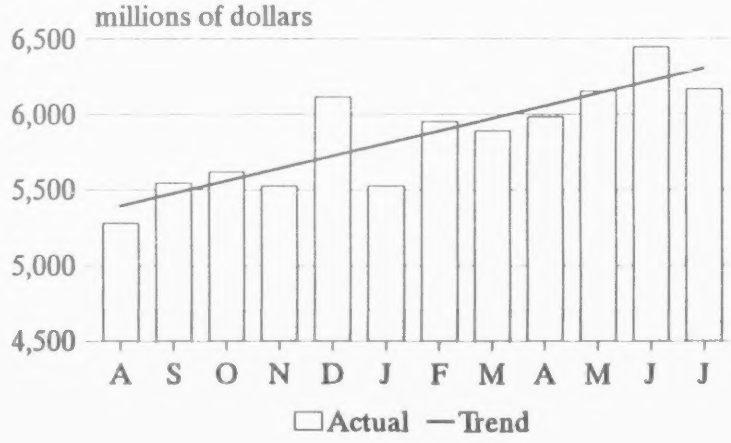
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	73	53	37.7%	51	52	-2.8%	289	312	-7.4%
Passive	801	758	5.7%	808	755	7.0%	4,521	4,273	5.8%
Solid State	1,735	1,507	15.1%	1,713	1,334	28.5%	9,169	7,425	23.5%
Total	**2,609**	**2,318**	**12.6%**	**2,572**	**2,141**	**20.1%**	**13,979**	**12,010**	**16.4%**
EXPORTS									
Electron Tubes	62	73	-15.1%	60	61	-1.7%	379	329	15.0%
Passive	506	488	3.7%	502	475	5.6%	3,019	2,853	5.8%
Solid State	1,461	1,542	-5.3%	1,540	1,309	17.6%	9,213	7,685	19.9%
Total	**2,029**	**2,103**	**-3.5%**	**2,102**	**1,846**	**13.9%**	**12,611**	**10,867**	**16.0%**
BALANCE									
Electron Tubes	(11)	20	n/a	9	9	5.3%	89	17	n/a
Passive	(295)	(270)	9.3%	(306)	(280)	9.4%	(1,501)	(1,419)	5.8%
Solid State	(274)	35	n/a	(173)	(24)	n/a	44	260	n/a
Total	**(580)**	**(215)**	**n/a**	**(470)**	**(295)**	**59.2%**	**(1,368)**	**(1,142)**	**19.8%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	4,049	3,367	20.2%	Canada	2,220	2,319	-4.3%
Malaysia	1,465	1,004	45.9%	Mexico	1,228	1,099	11.8%
S. Korea	1,246	1,067	16.8%	Singapore	1,215	892	36.2%
Taiwan	1,205	957	25.9%	Malaysia	1,061	814	30.4%
Canada	1,197	1,385	-13.6%	Japan	1,028	853	20.5%
Mexico	1,005	1,174	-14.4%	U.K.	853	665	28.3%
Singapore	846	832	1.7%	Taiwan	757	766	-1.2%
Philippines	510	n/a	n/a	S. Korea	669	554	20.7%
Hong Kong	374	n/a	n/a	Hong Kong	636	n/a	n/a
U.K.	244	205	19.1%	Philippines	389	n/a	n/a
Other	1,840	2,019	-8.9%	Other	2,555	2,905	-12.1%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY JUNE 1993

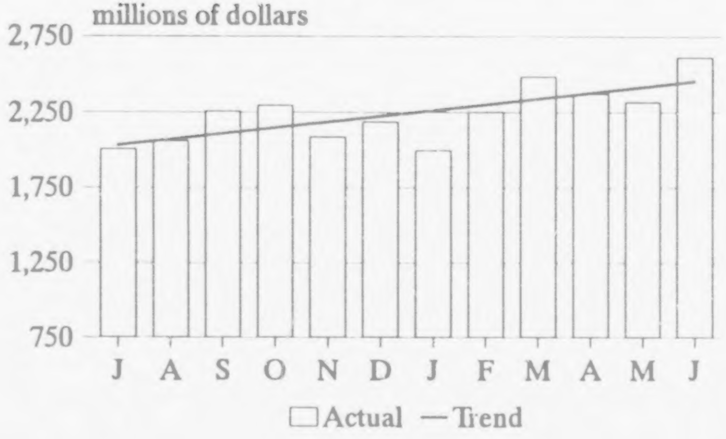
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	36,435	47,809	11,373	205,552	279,873	74,321
Receiving Tubes	312	234	(78)	2,730	2,034	(696)
Power/Special Purpose Tubes	14,503	12,290	(2,212)	81,101	95,335	14,235
Capacitors	64,170	53,280	(10,889)	351,079	320,502	(30,577)
Resistors	42,066	22,636	(19,430)	223,093	110,578	(112,515)
Relays	46,640	35,508	(11,132)	250,728	196,559	(54,169)
Connectors	56,742	40,813	(15,929)	305,227	234,155	(71,072)
Electronic Wire	87,209	106,688	19,479	496,456	600,669	104,213
Transformers	13,662	2,018	(11,644)	77,748	13,374	(64,374)
Power Supplies	94,920	12,335	(82,585)	534,916	84,809	(450,107)
Printed Circuits and Boards	96,834	85,625	(11,210)	616,761	551,579	(65,182)
Parts of TV/Audio Apparatus	202,712	119,700	(83,012)	1,102,616	703,749	(398,867)
Indicator Panels	37,295	5,084	(32,211)	205,834	28,532	(177,302)
Switches	15,455	2,537	(12,917)	87,426	13,273	(74,153)
Piezoelectric Crystals	19,440	4,129	(15,311)	106,796	29,440	(77,356)
Other Parts	31,150	18,308	(12,841)	163,495	114,660	(48,835)
EPROMs	60,972	27,448	(33,524)	324,591	146,887	(177,704)
Microprocessors	144,551	204,096	59,545	803,942	1,042,515	238,573
DRAMs	378,191	109,808	(268,382)	1,799,454	692,438	(1,107,016)
SRAMs	76,334	25,509	(50,825)	408,627	143,884	(264,743)
Analog ICs	140,817	67,317	(73,500)	765,614	415,722	(349,893)
Other ICs	496,576	318,831	(177,745)	2,890,420	1,971,247	(919,174)
Diodes	39,464	12,776	(26,688)	216,528	93,668	(122,859)
Transistors	37,837	4,585	(33,251)	207,621	30,101	(177,520)
Chips, Wafers & Parts	296,757	744,981	448,225	1,536,937	4,732,697	3,195,760
Other Semiconductors	35,642	20,460	(15,182)	199,941	114,793	(85,148)
Solar Cells	1,911	4,031	2,120	12,580	31,466	18,885
Total	2,568,595	2,108,838	(459,756)	13,977,811	12,794,537	(1,183,275)

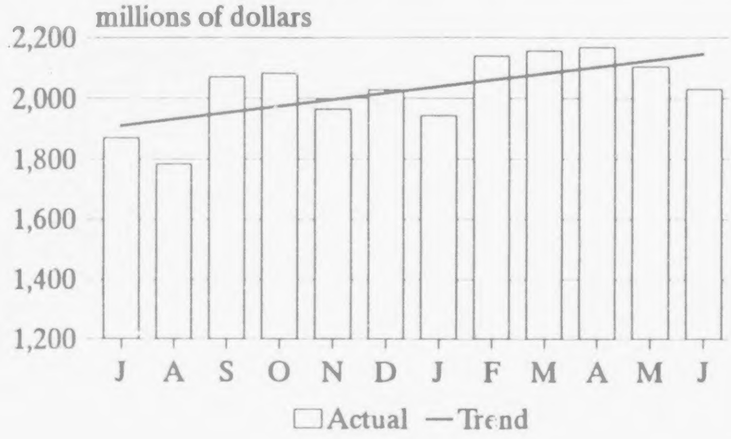
Electronic Components Trade Trends June 1993

(all data seasonally adjusted)

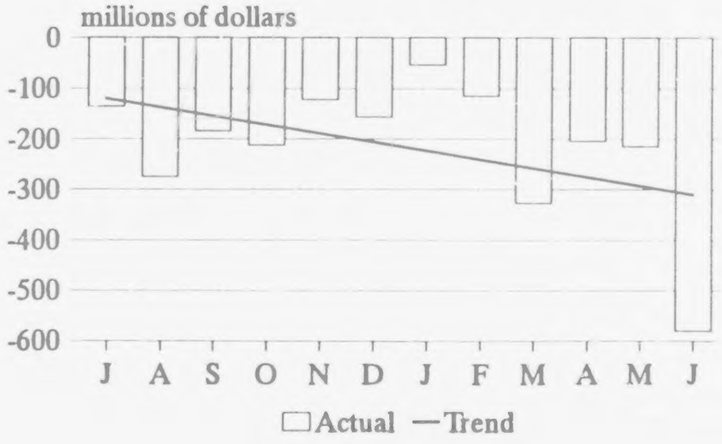
Imports



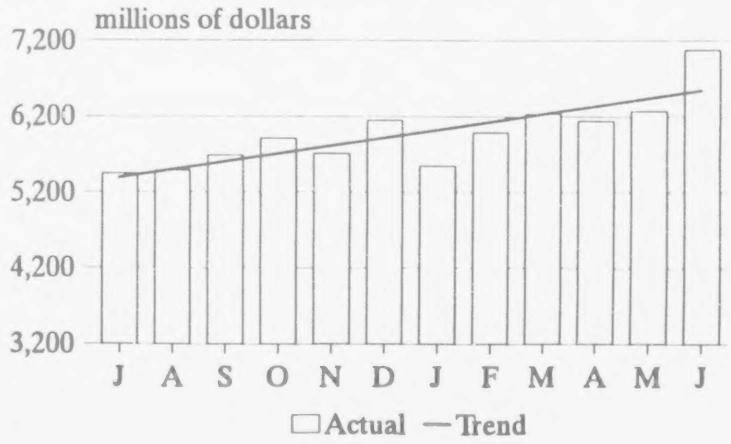
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

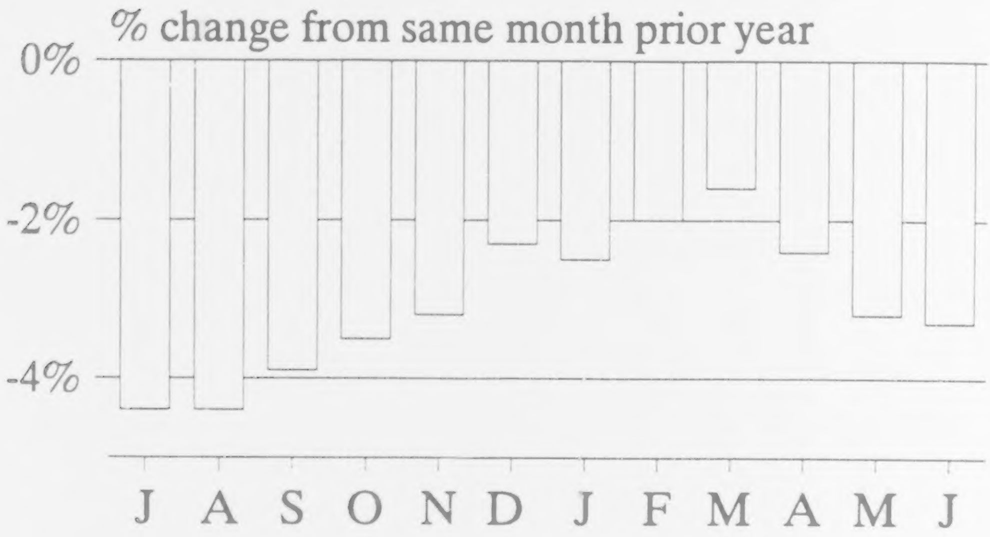
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	**338.6**	**347.3**	**-2.5%**	**337.8**	**0.2%**
Electron Tubes	16.4	17.5	-6.3%	16.3	0.6%
Semiconductors	89.7	93.8	-4.4%	89.6	0.1%
Other	232.5	236.0	-1.5%	231.9	0.3%
All Employees	**576.4**	**596.2**	**-3.3%**	**576.5**	**0.0%**
Electron Tubes	24.3	26.2	-7.3%	24.4	-0.4%
Semiconductors	212.8	224.9	-5.4%	212.8	0.0%
Other	339.3	345.1	-1.7%	339.3	0.0%
Hourly Wage Index	121.4	116.2	4.5%	121.9	-0.4%
Annual Sales/Employee	116,428	101,576	14.6%	114,718	1.5%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX JULY 1993

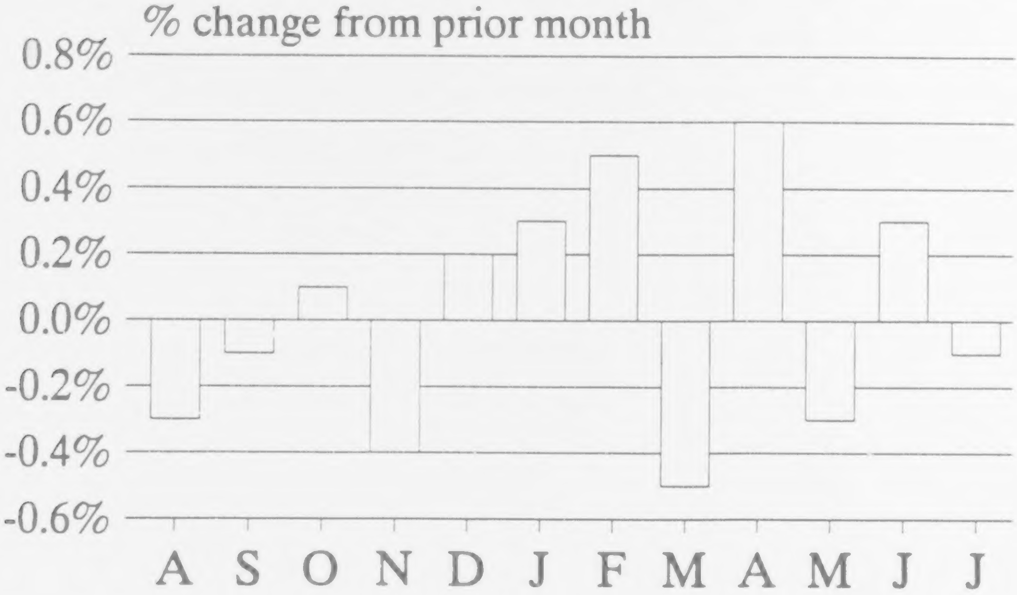
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**99.6**	**99.4**	**0.2%**	**99.7**	**-0.1%**
CRTs	96.5	98.2	-1.7%	96.5	0.0%
Capacitors	98.4	100.5	-2.1%	98.3	0.1%
Resistors	97.7	101.1	-3.4%	97.7	0.0%
Relays	110.9	111.6	-0.6%	111.2	-0.2%
Switches	106.2	101.7	4.4%	106.5	-0.3%
Connectors	119.9	106.7	12.4%	119.9	0.0%
Filters	109.5	105.4	3.9%	109.5	0.0%
Antennae	87.4	89.2	-2.0%	89.4	-2.3%
Diodes	99.6	99.7	-0.1%	99.6	0.0%
Transistors	99.8	98.5	1.4%	99.8	0.0%
Semiconductors	94.4	95.1	-0.8%	93.9	0.5%
Printed Circuits	96.2	99.4	-3.3%	96.8	-0.6%
Electronic Wire	101.0	100.0	1.0%	101.1	-0.1%

Electronic Components
All Employees June 1993



Electronic Components
Composite Price Index July 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**842**	**808**	**4.2%**	**690**	**693**	**-0.3%**	**5,071**	**5,008**	**1.2%**
Inventory	1,264	1,249	1.2%	1,413	1,413	0.0%	n/a	n/a	
Inv/Sales Ratio	1.50	1.55	-2.9%	2.05	2.04	0.3%	n/a	n/a	

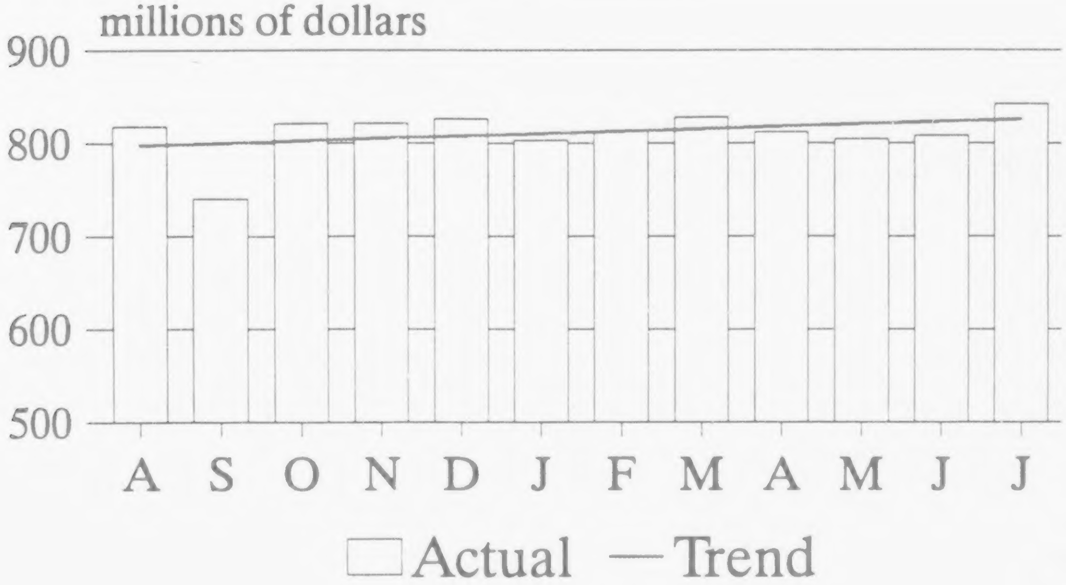
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS JULY 1993

(not seasonally adjusted millions of dollars)

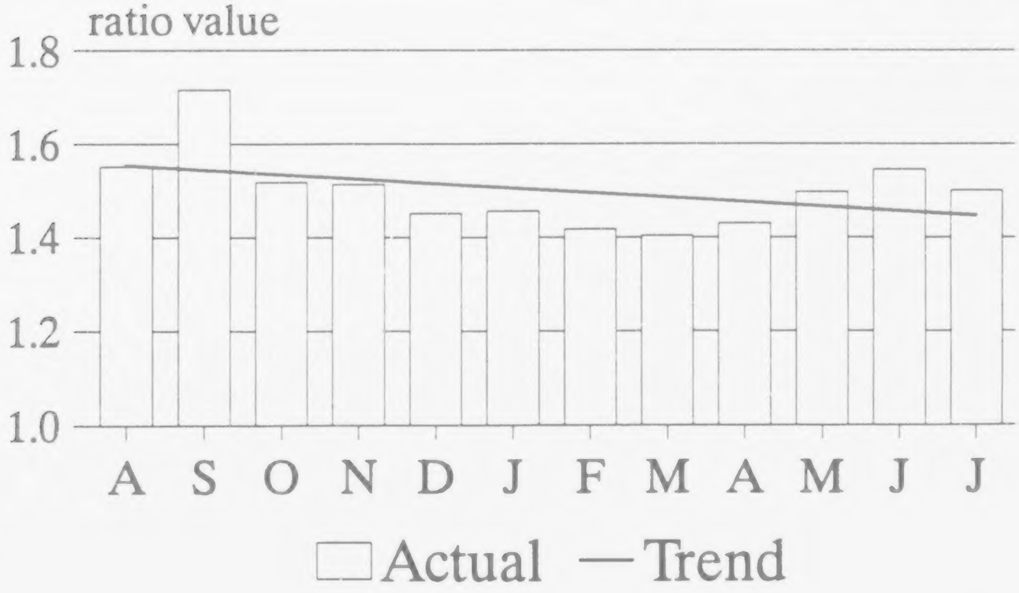
	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**940**	**900**	**4.5%**	**6,618**	**6,097**	**8.6%**
Color TVs	463	406	13.8%	3,302	3,033	8.9%
Projection TV	49	49	0.8%	356	309	15.3%
TV/VCR	30	20	n/a	251	173	n/a
VCR Decks	216	226	-4.6%	1,435	1,431	0.3%
Camcorders	152	170	-10.1%	996	893	11.6%
Other	30	28	8.2%	278	257	8.2%
Audio Products	**856**	**849**	**0.9%**	**5,512**	**5,261**	**4.8%**
Portable	189	201	-6.0%	1,180	1,178	0.2%
Home Components	129	130	-0.8%	823	811	1.5%
Autosound	439	407	7.7%	2,827	2,633	7.4%
Audio Systems	99	110	-9.9%	682	639	6.8%
Home Information Equipment	862	837	3.0%	5,208	4,979	4.6%
Blank Media and Accessories	341	327	4.3%	2,347	2,249	4.4%
Total	3,000	2,912	3.0%	19,686	18,586	5.9%

Domestically Produced Consumer Electronics
U.S. Factory Trends July 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,568	1,468	6.8%	1,464	1,298	12.8%	7,201	6,964	3.4%
Exports	247	257	-3.9%	243	255	-4.6%	1,501	1,476	1.7%
Balance	(1,321)	(1,211)	9.1%	(1,221)	(1,043)	17.0%	(5,700)	(5,487)	3.9%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	3,289	3,258	0.9%	Canada	392	369	6.4%
Malaysia	861	660	30.4%	Mexico	240	230	4.4%
Mexico	835	724	15.4%	Japan	103	143	-27.7%
S. Korea	699	706	-1.1%	Taiwan	68	68	0.1%
China	473	458	3.3%	U.K.	59	54	9.8%
Singapore	252	303	-16.9%	Germany	57	56	1.7%
Taiwan	214	317	-32.4%	Hong Kong	48	40	19.0%
Thailand	173	225	-23.1%	Netherlands	45	55	-17.7%
Indonesia	114	59	93.4%	Venezuela	34	37	-7.4%
Brazil	65	n/a	n/a	Argentina	33	50	-34.3%
Other	226	254	-11.1%	Other	421	374	12.3%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY JUNE 1993

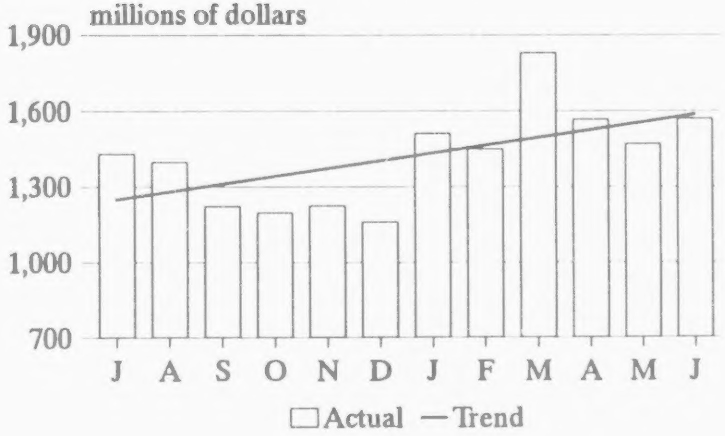
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	216,304	40,978	(175,326)	1,046,526	228,202	(818,324)
Monochrome TV Receivers	9,067	4,794	(4,273)	47,639	33,255	(14,385)
VCR Decks	237,877	11,007	(226,870)	1,144,363	81,844	(1,062,519)
Camcorders	172,851	0	(172,851)	697,412	0	(697,412)
Videocassette Players	11,316	0	(11,316)	55,719	0	(55,719)
Laserdisc Players	14,666	4,869	(9,797)	68,025	34,412	(33,613)
Portable Audio Equipment	73,282	7,056	(66,226)	355,058	44,168	(310,890)
Separate Audio Components	275,609	86,520	(189,089)	1,245,645	577,209	(668,437)
Home Radios	10,007	647	(9,360)	81,743	3,128	(78,615)
Home Radio/Tape Combinations	120,012	2,521	(117,491)	575,665	16,122	(559,543)
Autosound Equipment	132,676	31,269	(101,407)	745,244	177,784	(567,461)
Blank Media	65,947	29,167	(36,780)	380,909	185,755	(195,154)
Video Games	124,439	15,875	(108,564)	757,458	110,726	(646,732)
Total	**1,464,054**	**234,703**	**(1,229,350)**	**7,201,406**	**1,492,606**	**(5,708,800)**

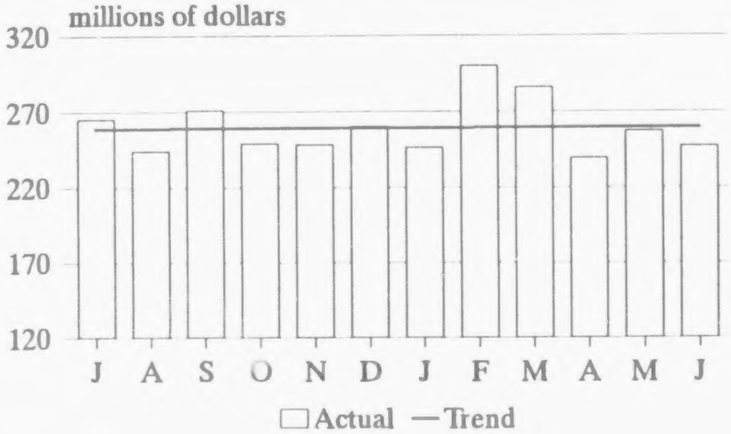
Consumer Electronics Trade Trends June 1993

(all data seasonally adjusted)

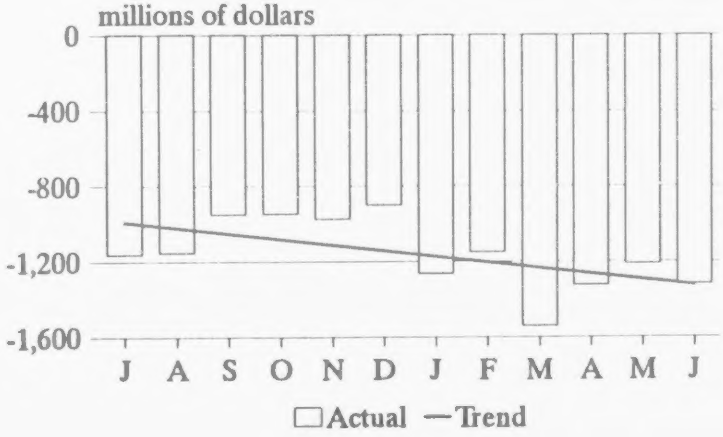
Imports



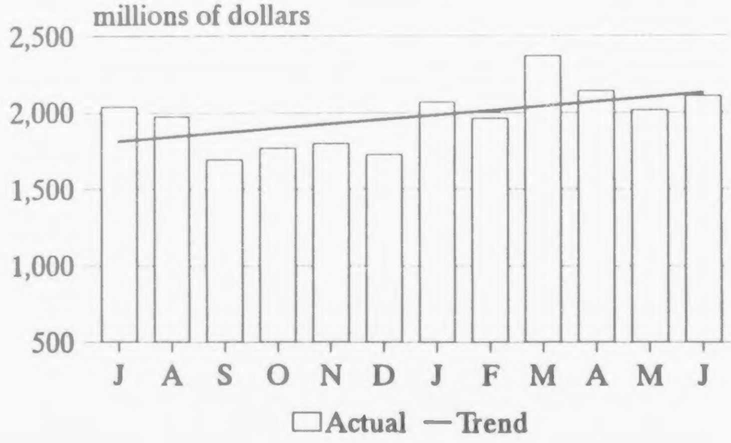
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

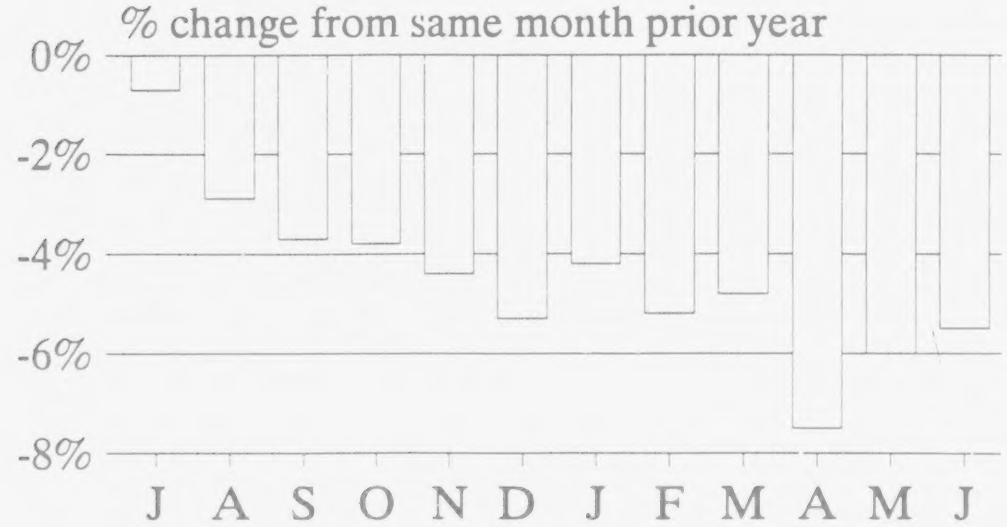
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	36.1	39.3	-8.1%	35.2	11.6%
All Employees	57.2	60.5	-5.5%	56.3	7.5%
Hourly Wage Index	117.5	118.1	-0.5%	117.7	0.4%
Annual Sales/Employee	166,095	144,098	15.3%	163,259	-11.7%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX JULY 1993

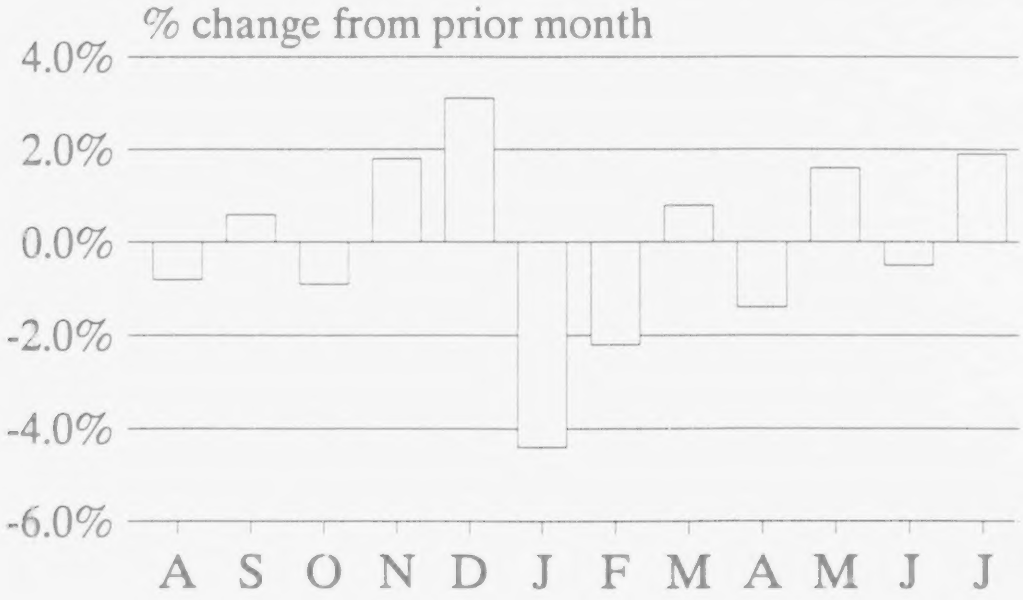
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**98.7**	**99.3**	**-0.7%**	**96.8**	**1.9%**
Home Audio	81.8	91.5	-10.6%	79.4	3.0%
Portable Audio	124.1	119.0	4.3%	115.2	7.7%
Autosound	88.0	87.1	1.0%	90.7	-3.0%
Audio Systems	104.3	94.7	10.1%	110.1	-5.3%
Color TV	110.0	105.1	4.7%	108.0	1.9%
Projection TV	100.0	94.7	5.6%	101.0	-1.0%
VCR Decks	102.0	104.8	-2.7%	98.0	4.1%
Camcorders	85.0	87.5	-2.9%	84.0	1.2%

Consumer Electronics
All Employees June 1993



Consumer Electronics
Composite Price Index July 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,353**	**3,435**	**-2.4%**	**2,940**	**2,879**	**2.1%**	**21,874**	**19,814**	**10.4%**
New Orders	3,333	3,819	-12.7%	2,945	2,986	-1.4%	21,713	19,901	9.1%
Production	3,594	3,451	4.2%	3,276	2,860	14.5%	23,054	19,959	15.5%
Inventory	8,001	7,760	3.1%	8,096	6,758	19.8%	n/a	n/a	
Unfilled Orders	11,454	11,477	-0.2%	11,389	11,344	0.4%	n/a	n/a	
Book/Bill Ratio	0.99	1.11	-10.6%	1.00	1.04	-3.4%	n/a	n/a	
Inv/Sales Ratio	2.39	2.26	5.6%	2.75	2.35	17.3%	n/a	n/a	
Unf/Sales Ratio	3.42	3.34	2.3%	3.87	3.94	-1.7%	n/a	n/a	
Prod/Sales Ratio	1.07	1.00	6.7%	1.11	0.99	12.2%	n/a	n/a	

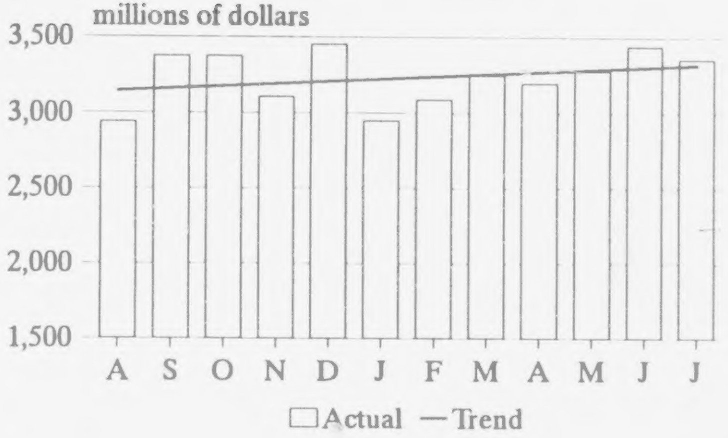
TELECOMMUNICATIONS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 2% in July from prior month, up 10% YTD**
Orders	down	**New Orders down 13% in July, up 9% YTD**
Imports	up	**Imports up 6% from June 1992, up 11% YTD**
Exports	up	**Exports up 16% from June 1992, up 19% YTD**
Employment	down	**Total Employment, down 4% in June from prior year**
Wages	down	**Hourly Wages down 0.6% from June of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from July 1992**

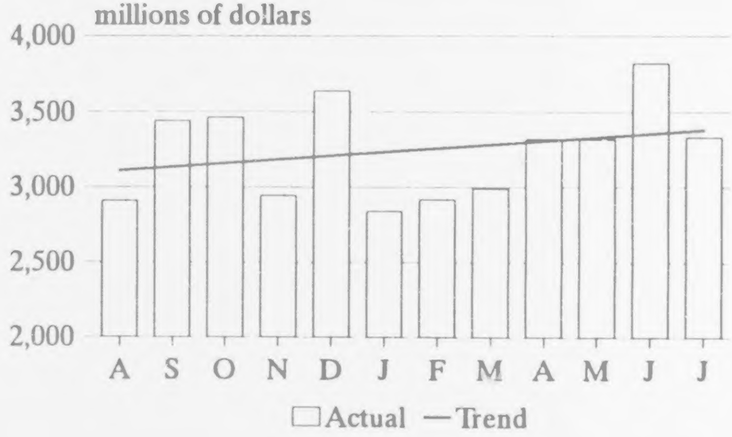
Telecommunications U.S Factory Trends July 1993

(all data seasonally adjusted)

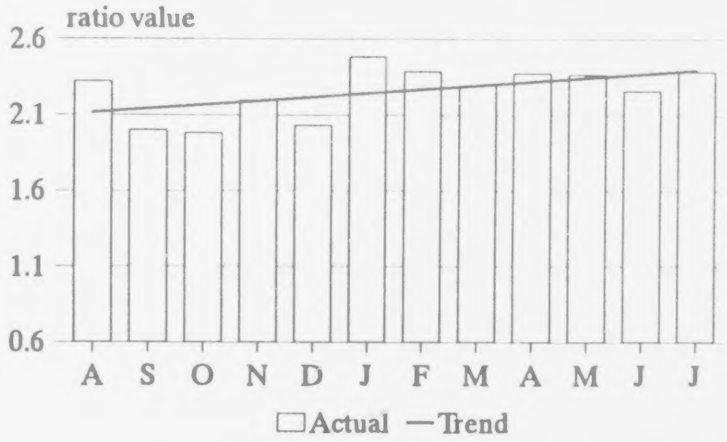
Factory Sales



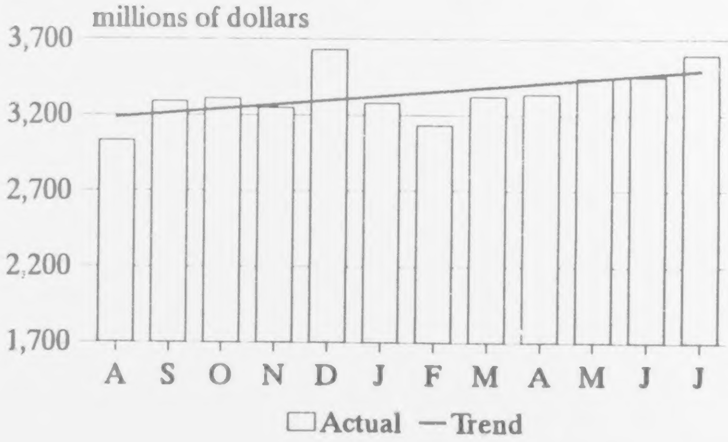
New Orders



Inventory/Sales Ratio



Production



TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	778	753	3.3%	764	723	5.7%	4,278	3,869	10.6%
Exports	815	844	-3.4%	841	726	15.9%	4,700	3,938	19.4%
Balance	37	91	n/a	77	3	n/a	422	69	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	1,399	1,404	-0.4%	Canada	745	618	20.6%
Canada	583	475	22.8%	Mexico	560	528	6.0%
China	340	244	39.4%	Japan	435	272	60.1%
Malaysia	308	308	-0.1%	U.K.	291	248	17.5%
Mexico	250	192	30.2%	China	221	n/a	n/a
Taiwan	250	292	-14.5%	Taiwan	196	153	28.2%
S. Korea	146	165	-11.8%	Germany	142	150	-5.3%
Singapore	141	139	1.7%	Hong Kong	122	103	18.8%
Thailand	139	144	-3.3%	France	122	n/a	n/a
Philippines	132	100	32.2%	S. Korea	119	148	-19.3%
Other	591	406	45.7%	Other	1,745	1,718	1.6%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY JUNE 1993

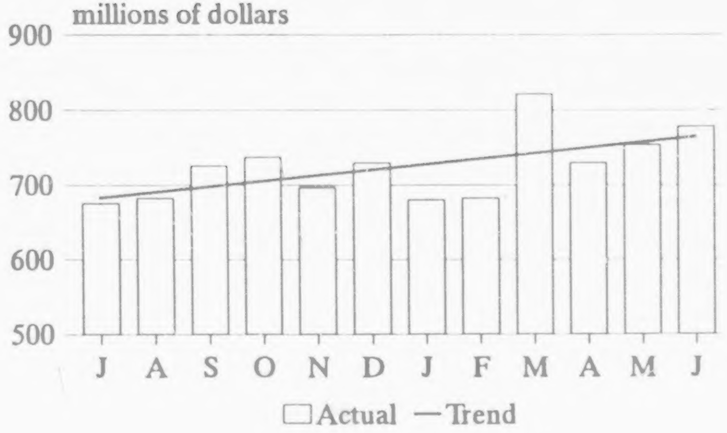
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	99,625	22,209	(77,417)	544,636	117,233	(427,403)
Telephonic Apparatus and Parts	140,032	204,213	64,181	799,516	1,179,170	379,655
Telegraphic Apparatus and Parts	24,194	59,334	35,140	158,830	389,148	230,317
Radio Transmitters	7,160	34,769	27,608	38,511	178,604	140,093
Radio Receivers	25,782	20,460	(5,323)	113,724	134,338	20,614
Radio Transceivers	53,110	110,548	57,438	316,683	558,331	241,648
Telephone Answering Devices	19,540	8,938	(10,602)	126,949	65,293	(61,657)
TV Transmission/Reception App.	147,023	187,040	40,017	826,675	1,110,435	283,760
Cellular Telephones	38,672	87,968	49,297	216,474	390,165	173,691
Facsimile Machines	85,659	0	(85,659)	498,430	0	(498,430)
Cordless Telephones	86,513	13,497	(73,017)	440,506	79,636	(360,870)
Modems	17,084	35,449	18,365	83,816	219,444	135,628
Paging Alert Devices	6,886	200	(6,686)	44,458	576	(43,882)
Fiber Optic Cable	2,795	13,573	10,777	27,604	81,646	54,042
Other Cable and Parts	10,310	13,538	3,228	46,787	166,904	120,117
Total	764,386	811,736	47,350	4,283,598	4,670,922	387,324

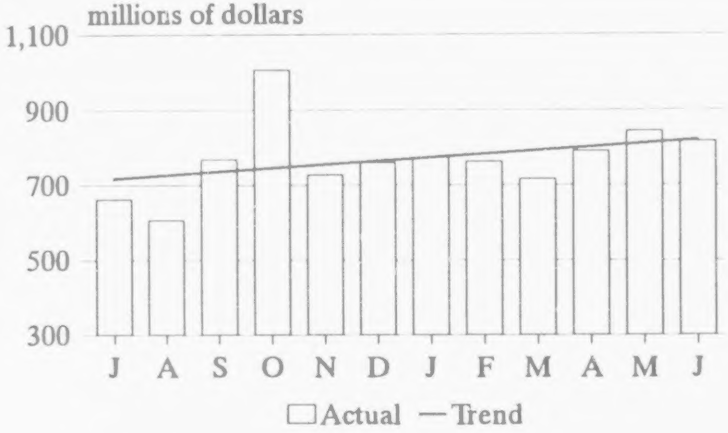
Telecommunications Trade Trends June 1993

(all data seasonally adjusted)

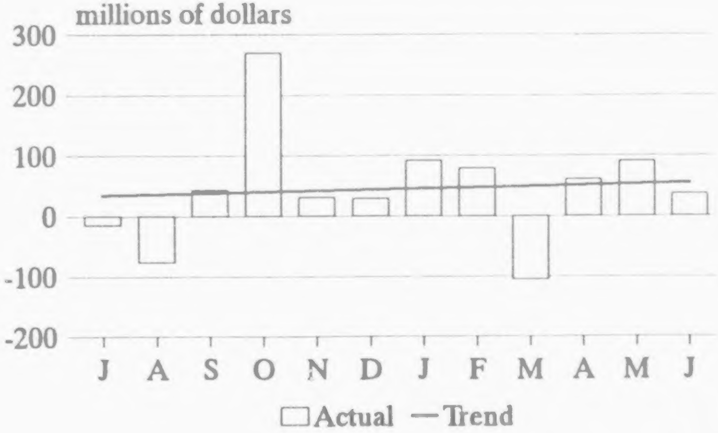
Imports



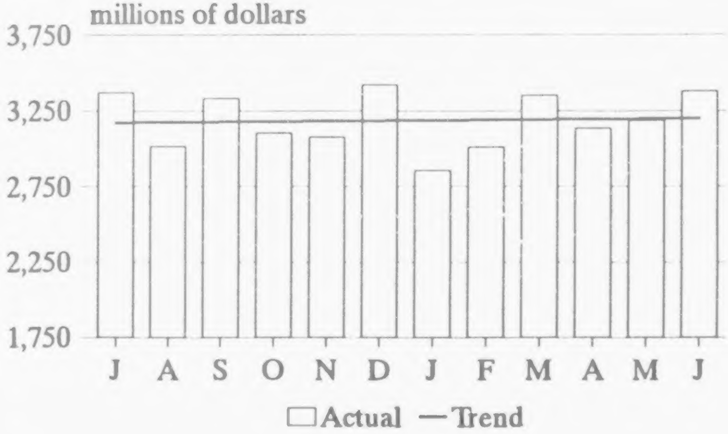
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

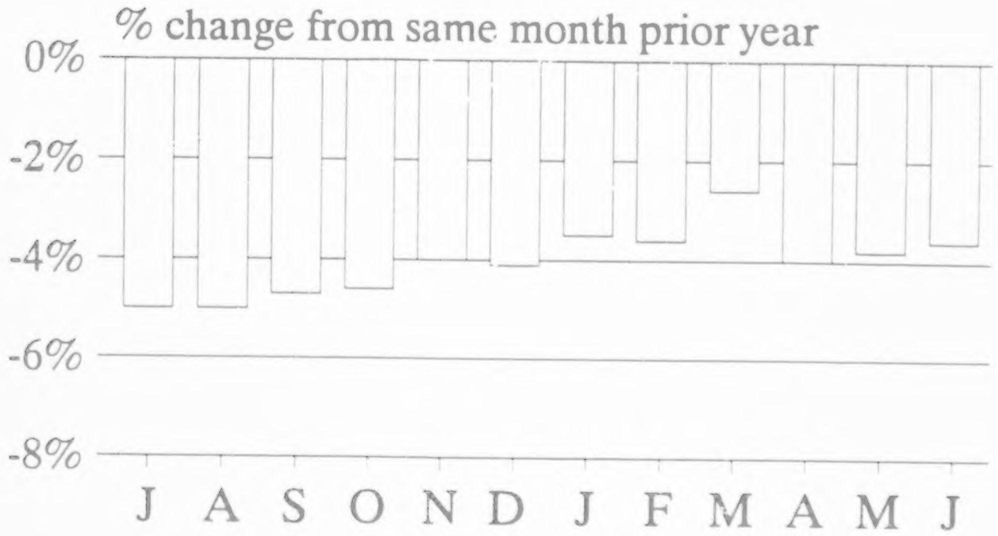
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	**118.6**	**121.7**	**-2.5%**	**118.7**	**-0.1%**
Telephone Equipment	58.8	61.0	-3.6%	58.9	-0.2%
Other	59.8	60.7	-1.5%	59.8	0.0%
All Employees	**231.6**	**240.2**	**-3.6%**	**231.6**	**0.0%**
Telephone Equipment	106.3	111.8	-4.9%	106.1	0.2%
Other	125.3	128.4	-2.4%	125.5	-0.2%
Hourly Wage Index	109.0	109.7	-0.6%	109.0	0.0%
Annual Sales/Employee	124,074	104,591	18.6%	122,772	1.1%

TELECOMMUNICATIONS PRODUCER PRICE INDEX JULY 1993

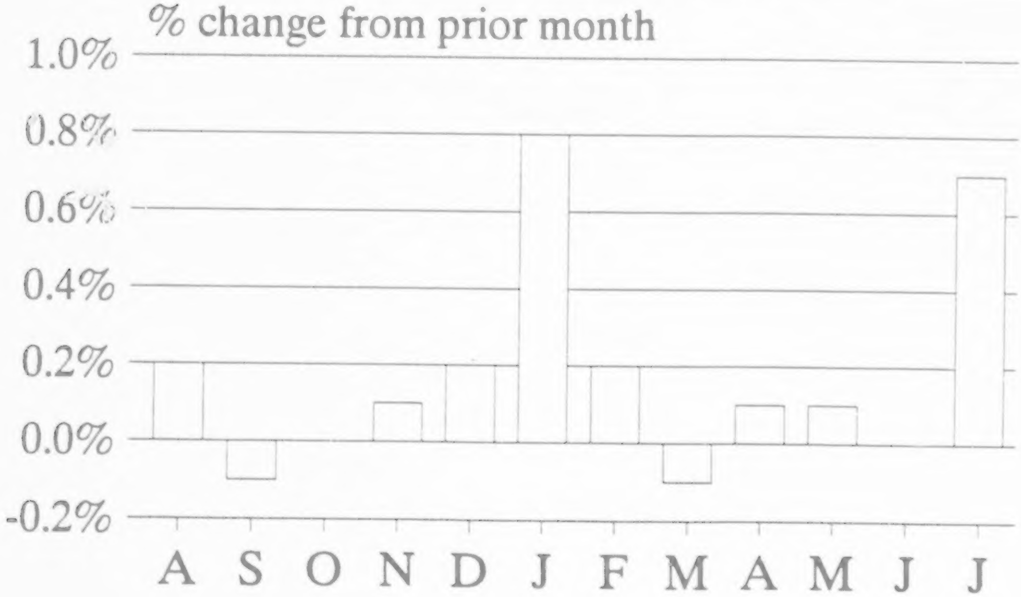
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**105.6**	**103.3**	**2.3%**	**104.9**	**0.7%**
Line Transmission	100.1	98.6	1.5%	100.1	0.0%
Switching Equipment	105.9	104.5	1.3%	105.0	0.8%
Telephone Sets	90.2	94.1	-4.1%	91.9	-1.8%
Other Telephone	111.8	101.2	10.4%	106.8	4.7%
Broadcast Equipment	103.9	103.6	0.4%	104.2	-0.3%
Mobile Communications	106.8	104.6	2.1%	106.7	0.1%
Intercom Systems	102.4	101.2	1.3%	102.3	0.1%
Fiber Optic Cable	100.6	103.9	-3.2%	100.7	-0.1%

Telecommunications
All Employees June 1993



Telecommunications
Composite Price Index July 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,553**	**2,594**	**-1.6%**	**2,192**	**2,201**	**-0.4%**	**17,099**	**17,712**	**-3.5%**
New Orders	2,347	1,977	18.7%	2,045	2,008	1.8%	15,594	15,065	3.5%
Production	2,409	2,540	-5.1%	2,134	2,291	-6.9%	16,659	17,380	-4.1%
Inventory	5,815	5,958	-2.4%	5,907	7,348	-19.6%	n/a	n/a	
Unfilled Orders	33,958	34,095	-0.4%	34,219	34,846	-1.8%	n/a	n/a	
Book/Bill Ratio	0.92	0.76	20.6%	0.93	0.91	2.2%	n/a	n/a	
Inv/Sales Ratio	2.28	2.30	-0.8%	2.69	3.34	-19.3%	n/a	n/a	
Unf/Sales Ratio	13.30	13.14	1.2%	15.61	15.83	-1.4%	n/a	n/a	
Prod/Sales Ratio	0.94	0.98	-3.6%	0.97	1.04	-6.5%	n/a	n/a	

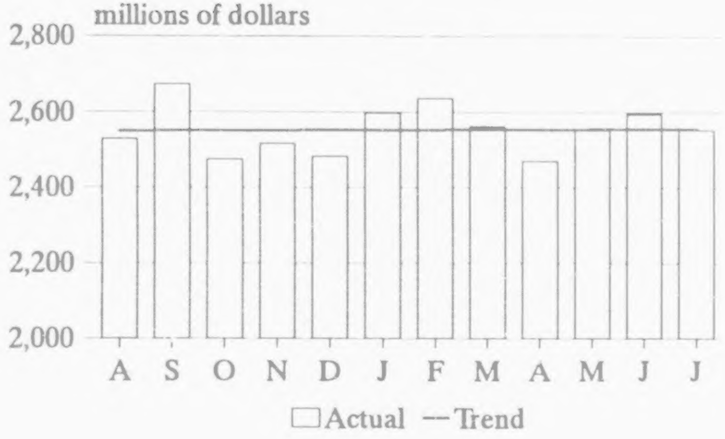
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 2% in July from prior month, down 4% YTD**
Orders	up	**New Orders up 19% in July, up 4% YTD**
Imports	down	**Imports down 5% from June 1992, down 4% YTD**
Exports	up	**Exports up 15% from June 1992, up 6% YTD**
Employment	down	**Total Employment, down 16% in June from prior year**
Wages	up	**Hourly Wages up 4% from June of last year**
Factory Prices	up	**Composite Producer Price Index up 0.8% from July 1992**

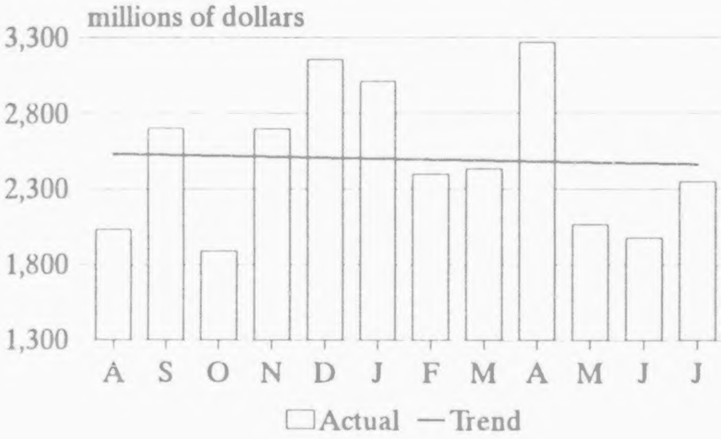
Defense Communications U.S Factory Trends July 1993

(all data seasonally adjusted)

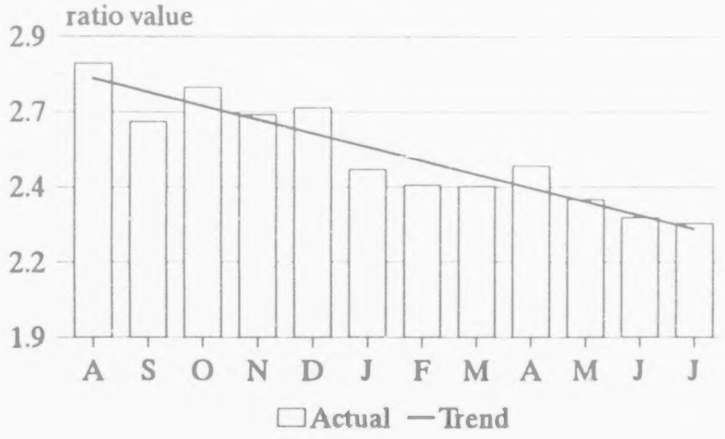
Factory Sales



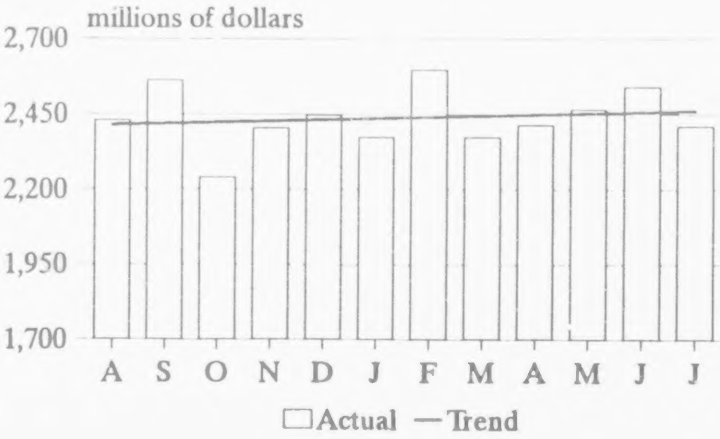
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	123	85	n/a	98	103	-4.5%	525	546	-3.9%
Exports	228	267	-14.6%	221	192	15.3%	1,288	1,221	5.5%
Balance	105	182	n/a	123	89	n/a	763	676	13.0%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Canada	92	99	-6.9%	Canada	145	133	9.0%
U.K.	62	72	-13.3%	Japan	122	157	-22.4%
Japan	58	74	-21.6%	U.K.	107	97	10.0%
Taiwan	54	48	13.0%	Germany	95	39	n/a
Mexico	48	44	8.2%	Taiwan	88	53	66.6%
China	46	18	n/a	France	77	98	-21.3%
France	38	55	-31.2%	Netherlands	75	69	8.7%
Israel	23	19	22.0%	Israel	59	n/a	n/a
S. Korea	21	23	-7.2%	Saudi Arabia	57	n/a	n/a
Germany	15	32	-54.6%	Egypt	50	53	-6.2%
Other	67	62	8.1%	Other	414	522	-20.6%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY JUNE 1993

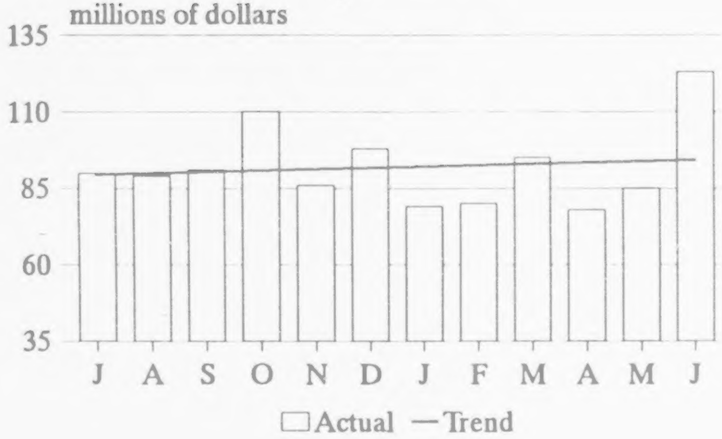
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	26,499	18,066	(8,433)	159,349	102,954	(56,395)
Sound/Sight Signaling App	2,872	8,087	5,215	9,309	35,701	26,391
Radar/Radio Navigational Equip	67,278	193,231	125,953	351,121	1,139,246	788,124
Meteorological/Geophysical App	857	1,772	915	3,870	10,079	6,209
Total	**97,506**	**221,156**	**123,650**	**523,650**	**1,287,980**	**764,330**

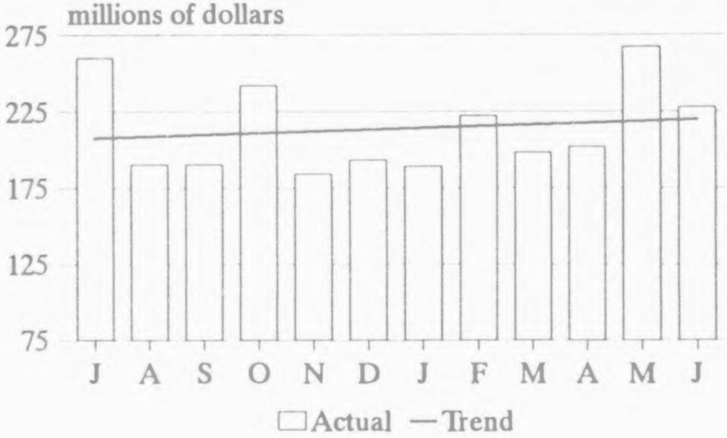
Defense Communications Trade Trends June 1993

(all data seasonally adjusted)

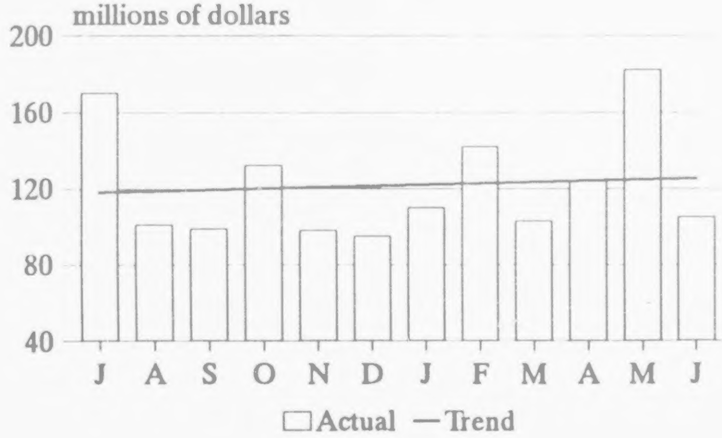
Imports



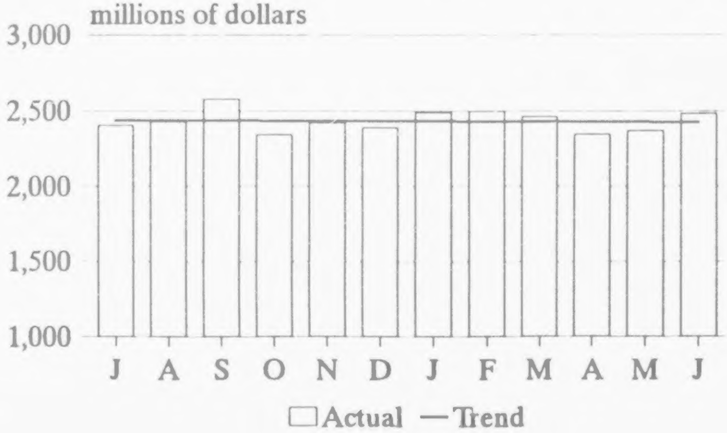
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

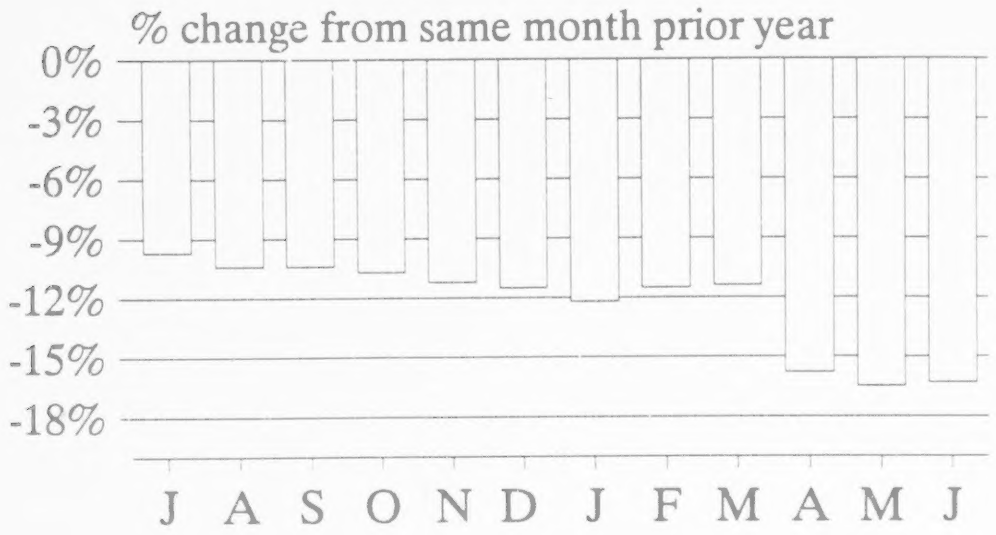
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	62.0	75.4	-17.8%	62.9	-1.4%
All Employees	200.9	239.9	-16.3%	202.3	-0.7%
Hourly Wage Index	123.2	118.7	3.8%	122.6	0.5%
Annual Sales/Employee	138,314	131,551	5.1%	136,915	1.0%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX JULY 1993

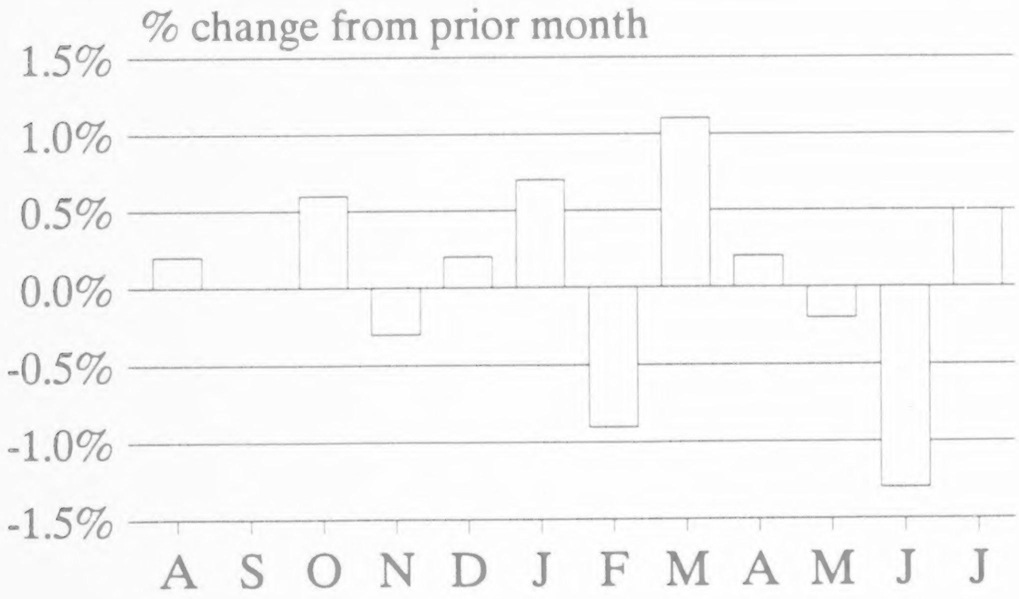
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**99.4**	**98.6**	**0.8%**	**98.9**	**0.5%**
Navigation Systems	104.0	101.5	2.4%	103.1	0.8%
Radar Equipment	102.9	101.8	1.1%	102.9	0.1%
Defense Electronics	94.1	94.2	-0.1%	93.2	1.0%

Defense Communications All Employees June 1993



Defense Communications Composite Price Index July 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,532**	**5,080**	**8.9%**	**4,398**	**3,677**	**19.6%**	**35,173**	**30,570**	**15.1%**
New Orders	5,710	5,282	8.1%	4,409	3,626	21.6%	39,737	31,169	27.5%
Production	5,541	5,250	5.5%	4,852	4,007	21.1%	35,703	31,055	15.0%
Inventory	8,303	8,294	0.1%	7,980	7,916	0.8%	n/a	n/a	
Unfilled Orders	6,497	6,629	-2.0%	6,557	6,690	-2.0%	n/a	n/a	
Book/Bill Ratio	1.03	1.04	-0.7%	1.00	0.99	1.7%	n/a	n/a	
Inv/Sales Ratio	1.50	1.63	-8.1%	1.81	2.15	-15.7%	n/a	n/a	
Unf/Sales Ratio	1.17	1.30	-10.0%	1.49	1.82	-18.1%	n/a	n/a	
Prod/Sales Ratio	1.00	1.03	-3.1%	1.10	1.09	1.2%	n/a	n/a	

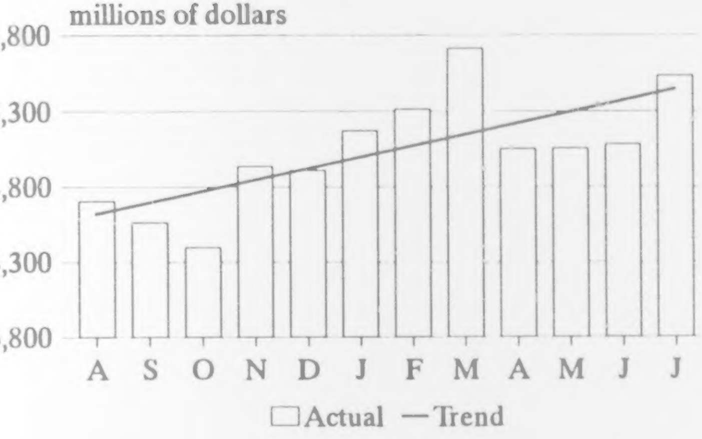
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 9% in July from prior month, up 15% YTD**
Orders	up	**New Orders up 8% in July, up 28% YTD**
Imports	up	**Imports up 21% from June 1992, up 25% YTD**
Exports	down	**Exports down 6% from June 1992, up 1% YTD**
Employment	down	**Total Employment, down 8% in June from prior year**
Wages	up	**Hourly Wages up 2% from June of last year**
Factory Prices	down	**Composite Producer Price Index down 12% from July 1992**

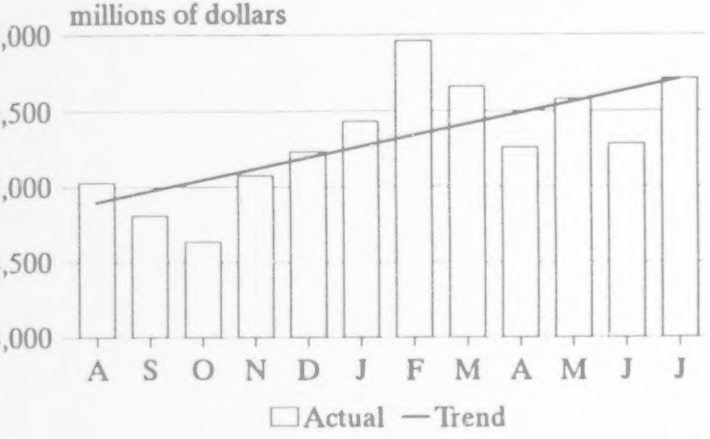
Computers & Peripherals U.S Factory Trends July 1993

(all data seasonally adjusted)

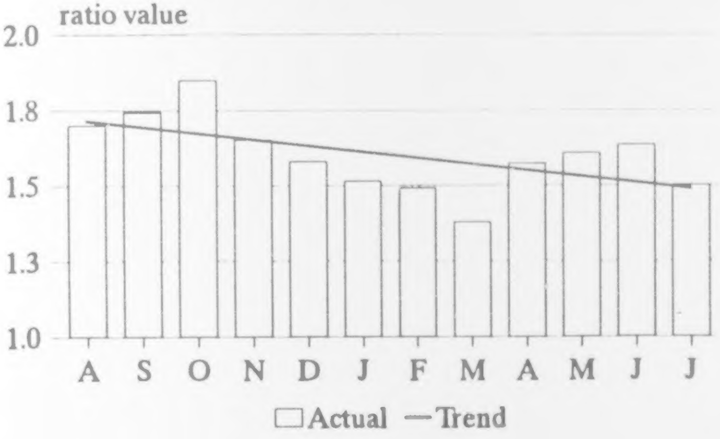
Factory Sales



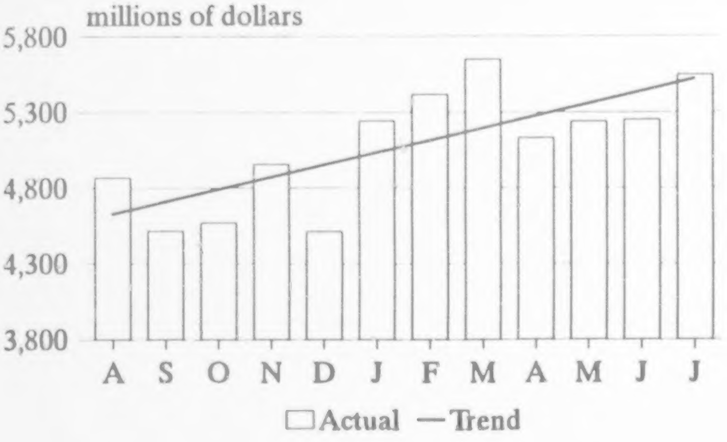
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	3,399	3,005	13.1%	3,442	2,841	21.2%	18,058	14,503	24.5%
Exports	2,471	2,542	-2.8%	2,531	2,700	-6.3%	15,118	14,907	1.4%
Balance	(928)	(463)	n/a	(911)	(141)	n/a	(2,939)	404	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	6,190	5,117	21.0%	Canada	2,430	2,268	7.1%
Singapore	3,180	2,408	32.1%	U.K.	1,568	1,527	2.7%
Taiwan	2,334	1,993	17.1%	Japan	1,544	1,855	-16.8%
Canada	1,150	1,060	8.5%	Germany	1,335	1,466	-9.0%
S. Korea	1,037	609	70.3%	Netherlands	1,195	926	29.1%
Malaysia	569	382	49.0%	Singapore	773	707	9.4%
Thailand	515	315	63.4%	Mexico	701	559	25.4%
U.K.	513	509	0.9%	France	625	739	-15.5%
Mexico	499	421	18.6%	Australia	498	536	-7.1%
Hong Kong	426	322	32.4%	Hong Kong	365	n/a	n/a
Other	1,644	1,367	20.2%	Other	4,085	4,324	-5.5%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY JUNE 1993

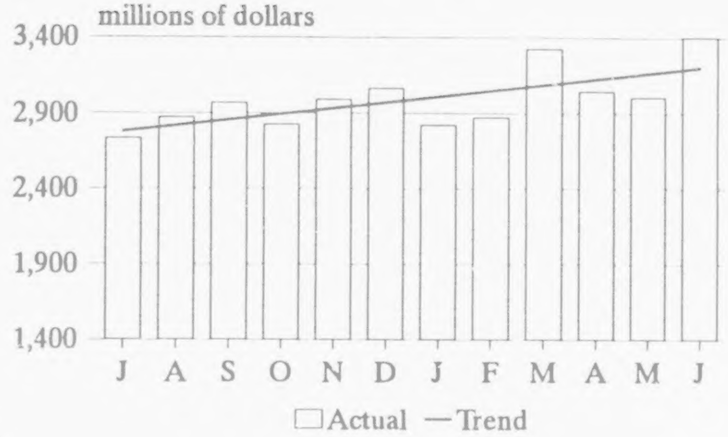
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	580,129	696,786	116,657	2,532,425	3,818,127	1,285,702
Monitors	426,963	61,151	(365,811)	2,291,776	341,025	(1,950,751)
Disk Drives and Blank Media	939,852	443,656	(496,196)	5,024,621	2,986,518	(2,038,104)
Printers	242,981	153,625	(89,356)	1,543,131	801,821	(741,310)
Other Computer Peripherals	81,598	90,596	8,998	438,793	558,814	120,021
Other Business Machines/Parts	1,170,793	1,084,770	(86,024)	6,225,525	6,611,901	386,377
Total	**3,442,316**	**2,530,584**	**(911,732)**	**18,056,270**	**15,118,205**	**(2,938,065)**

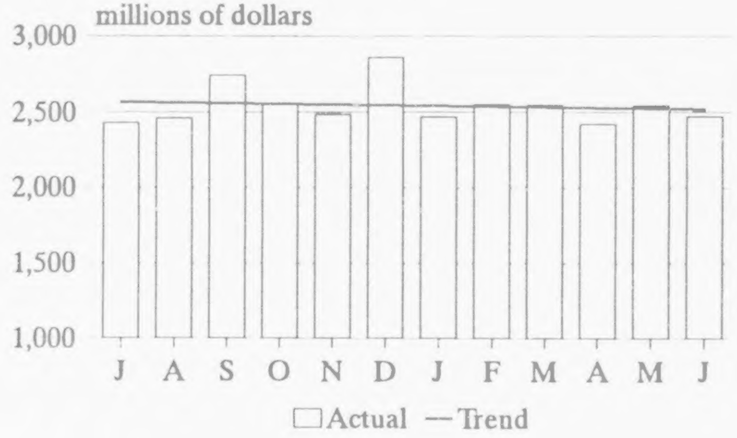
Computers & Peripherals Trade Trends June 1993

(all data seasonally adjusted)

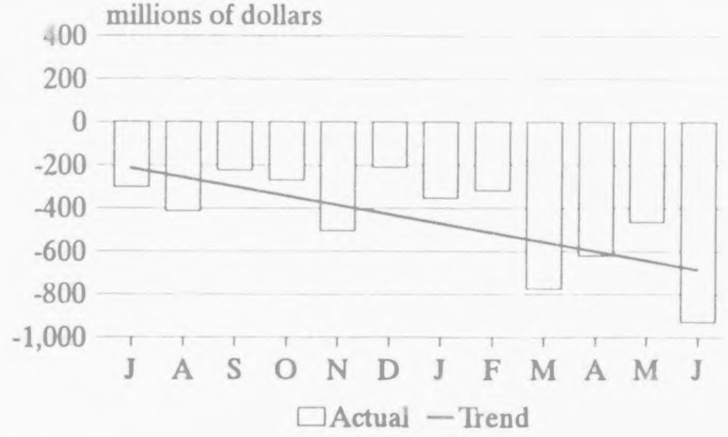
Imports



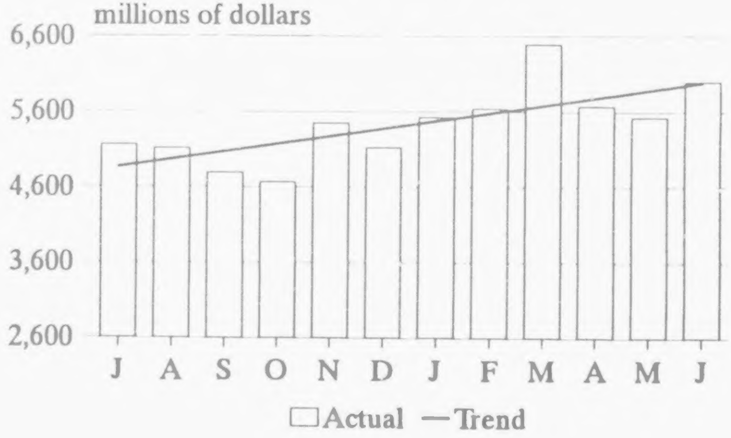
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

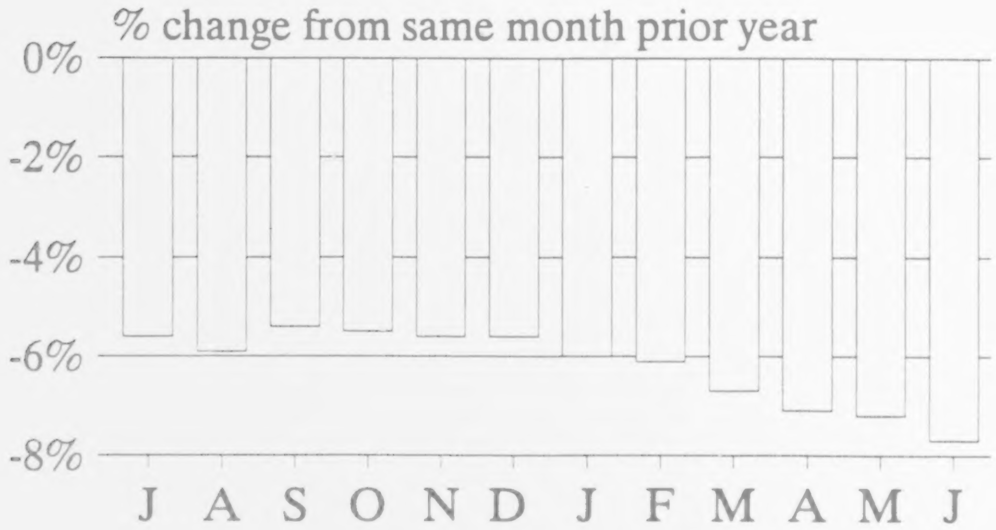
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	**121.8**	**128.5**	**-5.2%**	**122.6**	**-0.7%**
Computers	55.0	61.5	-10.6%	55.2	-0.4%
Other	66.8	67.0	-0.3%	67.4	-0.9%
All Employees	**362.9**	**393.1**	**-7.7%**	**365.1**	**-0.6%**
Computers	212.3	242.8	-12.6%	214.5	-1.0%
Other	150.6	150.3	0.2%	150.6	0.0%
Hourly Wage Index	117.5	114.9	2.2%	119.3	-1.5%
Annual Sales/Employee	133,072	109,901	21.1%	131,596	1.1%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX JULY 1993

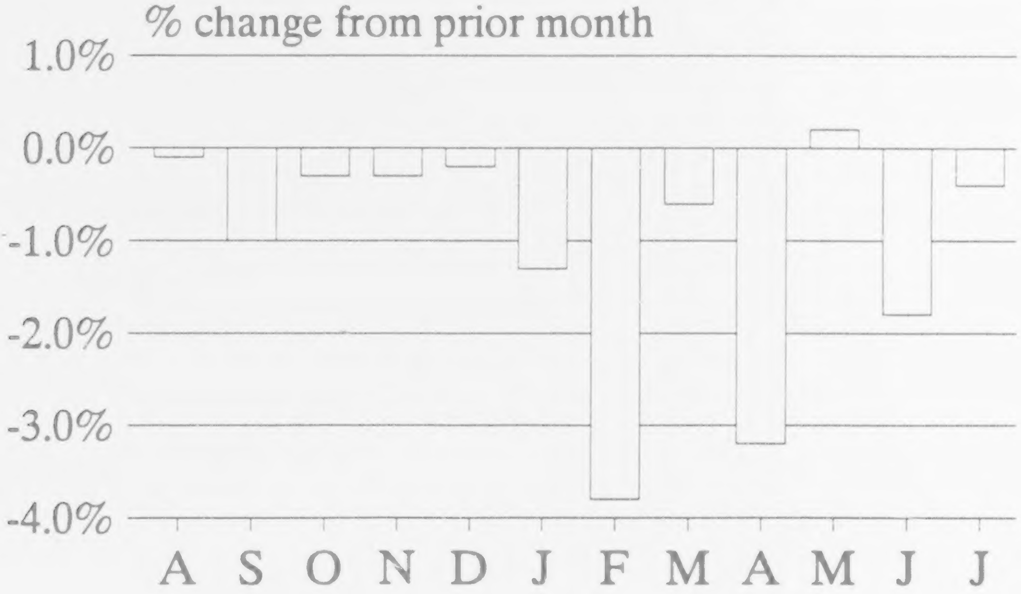
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**65.5**	**74.3**	**-11.8%**	**65.5**	**0.0%**
Computers	65.3	74.1	-11.9%	66.3	-1.5%
Serial Access Devices	87.1	100.0	n/a	86.2	1.0%
Hard Disks	101.0	100.7	0.3%	101.1	-0.1%
Floppy Diskettes	87.3	93.1	-6.2%	88.6	-1.5%

Computers & Peripherals All Employees June 1993



Computers & Peripherals Composite Price Index July 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,249**	**2,266**	**-0.8%**	**1,958**	**1,926**	**1.6%**	**15,341**	**14,828**	**3.5%**
New Orders	2,361	2,350	0.5%	4,904	2,499	n/a	30,051	16,388	n/a
Production	2,251	2,275	-1.1%	1,912	1,824	4.8%	14,897	13,666	9.0%
Inventory	4,630	4,628	0.0%	2,639	3,468	-23.9%	n/a	n/a	
Unfilled Orders	5,590	5,571	0.4%	3,232	3,988	-19.0%	n/a	n/a	
Book/Bill Ratio	1.05	1.04	1.3%	2.51	1.30	n/a	n/a	n/a	
Inv/Sales Ratio	2.06	2.04	0.8%	1.35	1.80	-25.1%	n/a	n/a	
Unf/Sales Ratio	2.49	2.46	1.1%	1.65	2.07	-20.2%	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	-0.3%	0.98	0.95	3.1%	n/a	n/a	

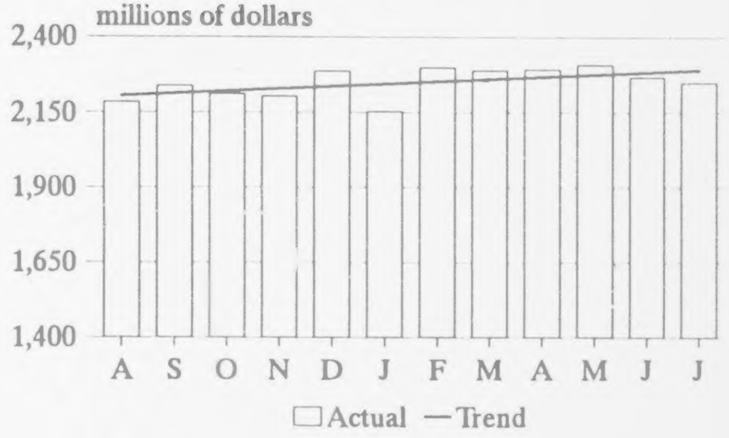
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	down	Factory Sales down 1% in July from prior month, up 4% YTD
Orders	up	New Orders up 1% in July, up sharply YTD
Imports	up	Imports up 7% from June 1992, up 15% YTD
Exports	down	Exports down 1% from June 1992, up 7% YTD
Employment	down	Total Employment, down 5% in June from prior year
Wages	up	Hourly Wages up 13% from June of last year
Factory Prices	up	Composite Producer Price Index up 1% from July 1992

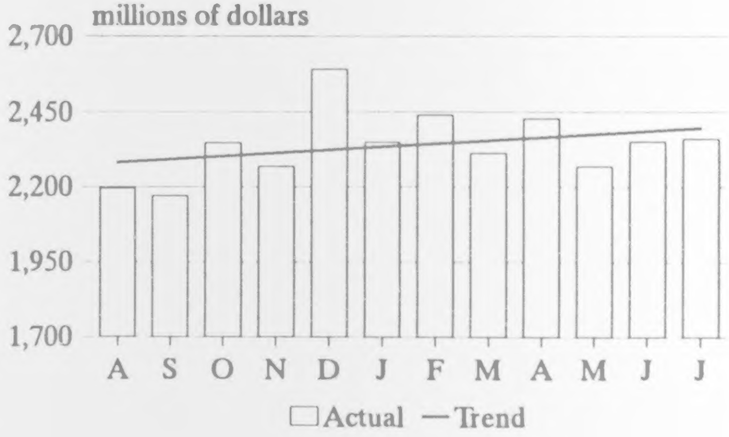
Industrial Electronics U.S Factory Trends July 1993

(all data seasonally adjusted)

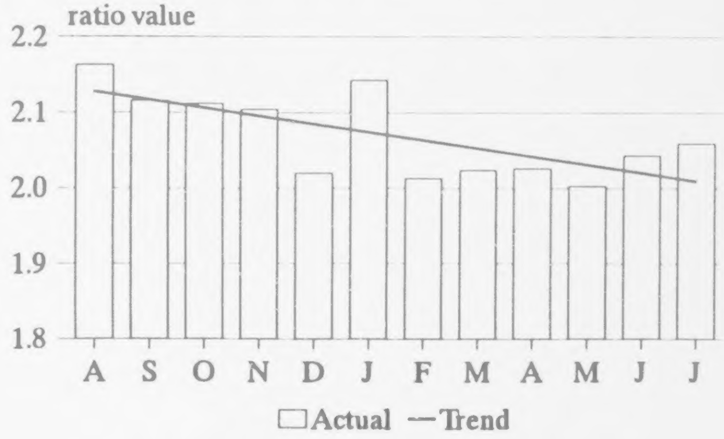
Factory Sales



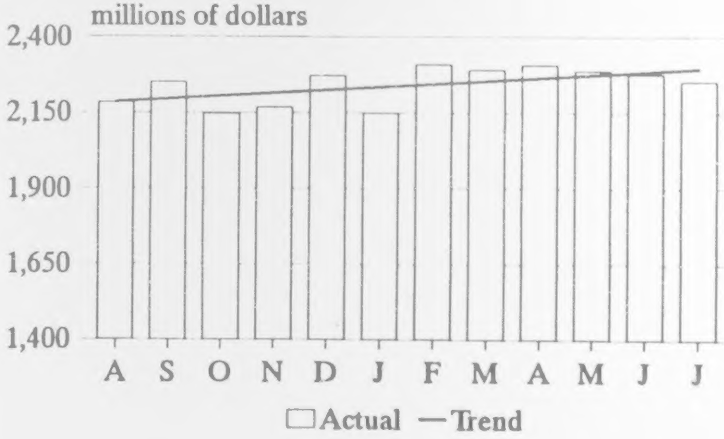
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	305	273	11.7%	300	280	7.0%	1,611	1,401	15.0%
Exports	693	710	-2.4%	702	706	-0.5%	4,012	3,736	7.4%
Balance	388	437	-11.2%	402	425	-5.5%	2,401	2,335	2.9%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	571	367	55.5%	Canada	646	509	26.9%
Canada	203	209	-2.9%	Japan	467	515	-9.3%
Germany	198	166	19.2%	U.K.	284	249	14.2%
U.K.	188	174	8.2%	Germany	277	299	-7.2%
Mexico	95	92	3.2%	Mexico	244	231	5.8%
France	51	57	-10.4%	S. Korea	229	276	-16.9%
Switzerland	45	37	22.4%	France	186	198	-6.0%
Taiwan	32	31	2.0%	Taiwan	182	162	12.5%
Sweden	31	29	6.1%	Singapore	130	102	27.3%
Netherlands	29	37	-22.7%	China	125	n/a	n/a
Other	169	202	-16.7%	Other	1,240	1,195	3.8%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY JUNE 1993

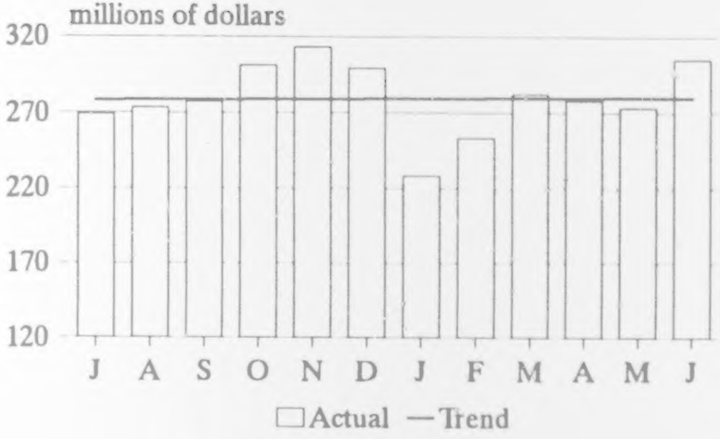
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	23,355	10,227	(13,128)	109,541	44,830	(64,711)
Testing/Analyzing Equip	47,020	185,270	138,250	259,768	1,098,837	839,068
Measuring/Analyzing Equip	76,176	210,446	134,270	419,479	1,256,418	836,939
Process/Control Devices	26,203	39,006	12,802	122,648	318,017	195,369
Other Electronic Machinery	127,743	215,989	88,247	694,185	1,096,218	402,033
Total	**300,497**	**660,938**	**360,441**	**1,605,621**	**3,814,319**	**2,208,698**

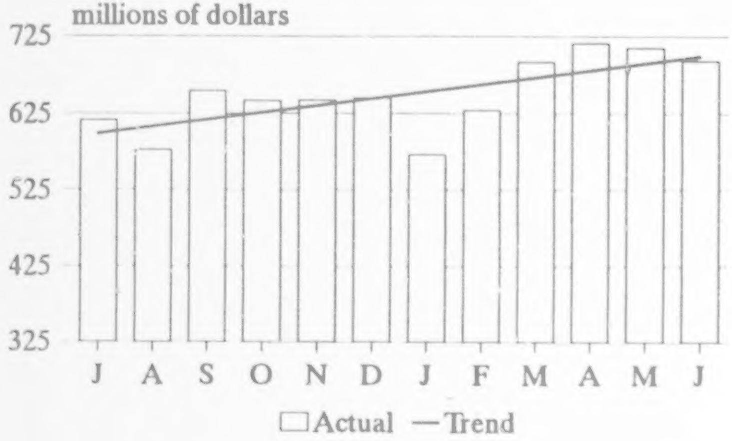
Industrial Electronics Trade Trends June 1993

(all data seasonally adjusted)

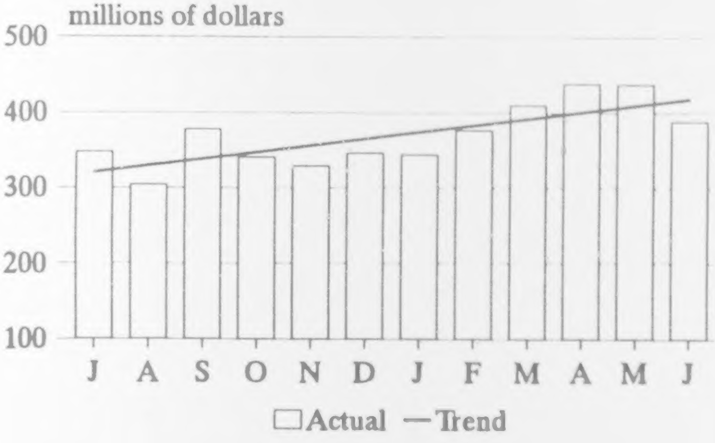
Imports



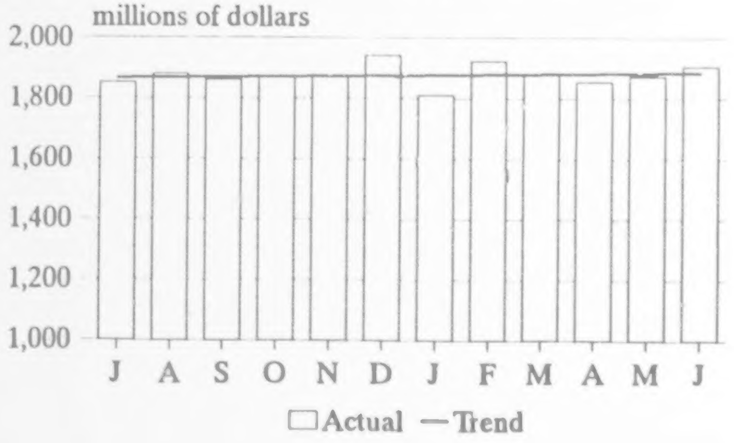
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

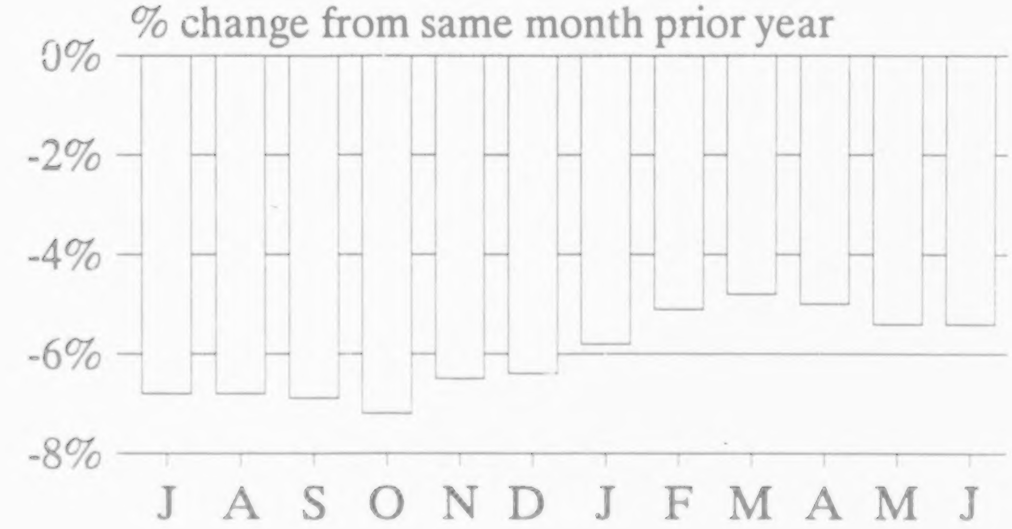
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	**108.6**	**117.2**	**-7.3%**	**108.8**	**-0.2%**
Process Controls	27.2	28.5	-4.6%	27.2	0.0%
Testing/Measuring	34.8	39.4	-11.7%	34.9	-0.3%
Other	46.6	49.3	-5.5%	46.7	-0.2%
All Employees	**218.9**	**231.3**	**-5.4%**	**219.1**	**-0.1%**
Process Controls	56.8	59.2	-4.1%	56.8	0.0%
Testing/Measuring	72.7	80.3	-9.5%	72.7	0.0%
Other	89.4	91.8	-2.6%	89.6	-0.2%
Hourly Wage Index	130.4	115.5	13.0%	130.1	0.2%
Annual Sales/Employee	120,081	108,646	10.5%	119,138	0.8%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX JULY 1993

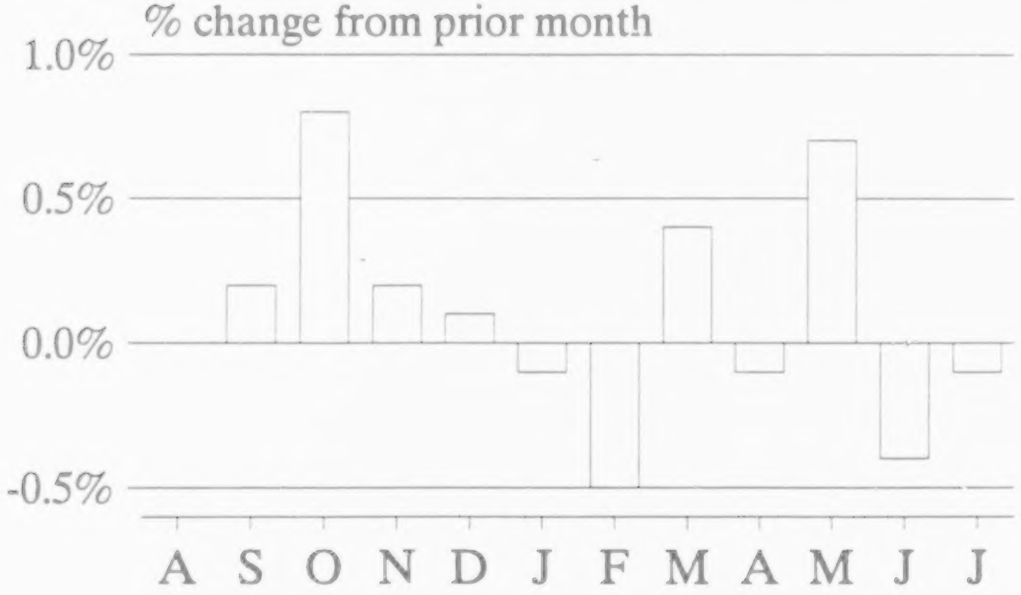
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**104.3**	**103.1**	**1.2%**	**104.4**	**-0.1%**
Testing/Measuring	103.2	102.2	0.9%	103.3	-0.1%
Nuclear Radiation	105.6	103.6	1.8%	104.9	0.6%
Process Controls	106.0	102.9	3.0%	105.9	0.1%
Other Equipment	104.5	104.5	0.0%	104.8	-0.3%

Industrial Electronics
All Employees June 1993



Industrial Electronics
Composite Price Index July 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**647**	**683**	**-5.2%**	**601**	**609**	**-1.3%**	**4,504**	**4,532**	**-0.6%**
New Orders	660	625	5.7%	613	619	-0.9%	4,434	4,405	0.6%
Production	649	683	-5.0%	598	622	-3.9%	4,535	4,596	-1.3%
Inventory	1,426	1,425	0.1%	1,430	1,408	1.6%	n/a	n/a	
Unfilled Orders	1,822	1,810	0.7%	1,821	1,729	5.3%	n/a	n/a	
Book/Bill Ratio	1.02	0.91	11.5%	1.02	1.02	0.4%	n/a	n/a	
Inv/Sales Ratio	2.20	2.09	5.6%	2.38	2.31	2.9%	n/a	n/a	
Unf/Sales Ratio	2.82	2.65	6.2%	3.03	2.84	6.7%	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	0.2%	0.99	1.02	-2.7%	n/a	n/a	

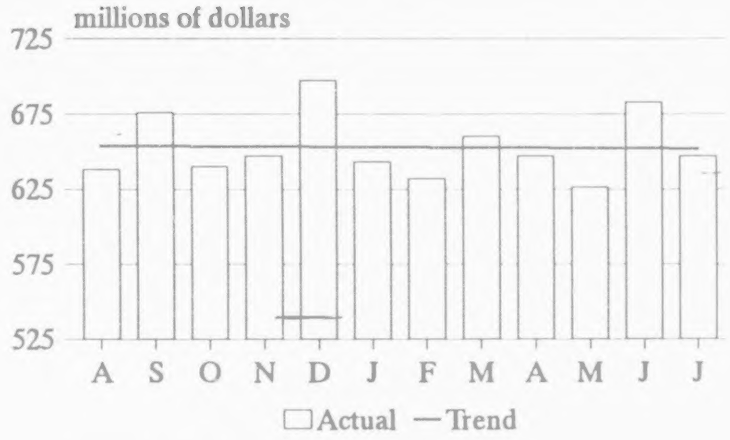
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	down	Factory Sales down 5% in July from prior month, down 1% YTD
Orders	up	New Orders up 6% in July, up 1% YTD
Imports	up	Imports up 9% from June 1992, up 6% YTD
Exports	up	Exports up 9% from June 1992, up 9% YTD
Employment	down	Total Employment, down 2% in from June prior year
Wages	down	Hourly Wages unchanged from June of last year
Factory Prices	down	Composite Producer Price Index down 0.4% from July 1992

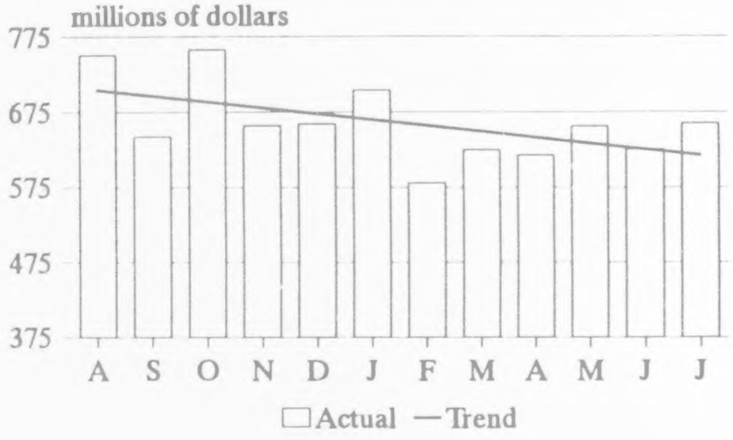
Electromedical Equipment U.S Factory Trends July 1993

(all data seasonally adjusted)

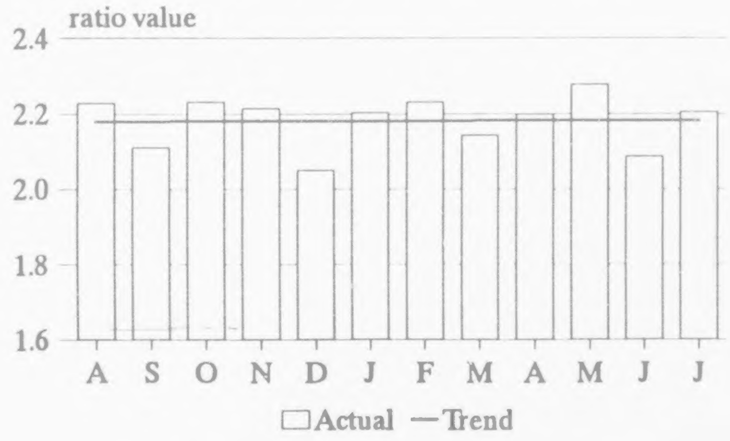
Factory Sales



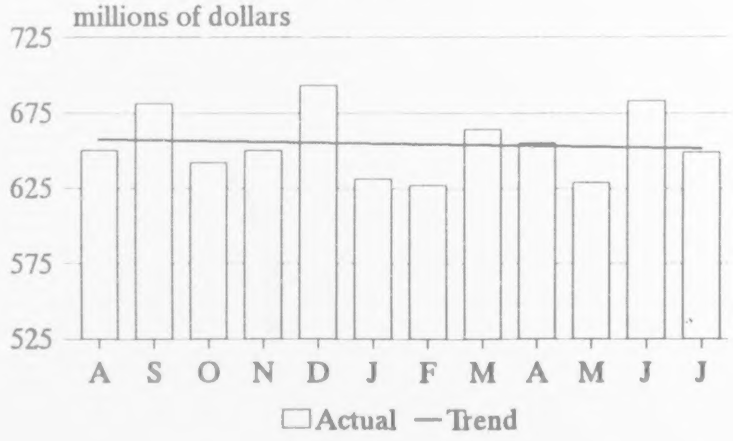
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY JUNE 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun-93	May-93	% ch.	Jun-93	Jun-92	% ch.	YTD-93	YTD-92	% ch.
Imports	203	184	10.3%	203	186	9.4%	1,140	1,077	5.9%
Exports	303	323	-6.2%	308	284	8.6%	1,816	1,674	8.5%
Balance	100	139	-28.1%	105	98	7.1%	676	597	13.3%

ELECTROMEDICAL BILATERAL TRADE SUMMARY JUNE 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jun-93	Jun-92	% ch.		Jun-93	Jun-92	% ch.
Japan	353	335	5.3%	Japan	276	236	16.9%
Germany	331	327	1.2%	Germany	237	248	-4.4%
Netherlands	93	78	19.1%	Canada	155	148	4.7%
France	77	70	10.0%	Netherlands	135	137	-1.5%
Mexico	52	51	1.6%	France	106	93	14.4%
U.K.	39	40	-1.6%	U.K.	89	87	2.3%
Israel	23	17	32.8%	Mexico	77	58	31.9%
Singapore	21	n/a	n/a	Australia	62	51	22.2%
Sweden	18	n/a	n/a	Belgium	56	n/a	n/a
Canada	16	15	8.4%	S. Korea	51	n/a	n/a
Other	118	144	-18.5%	Other	573	616	-6.9%

ELECTROMEDICAL PRODUCT TRADE SUMMARY JUNE 1993

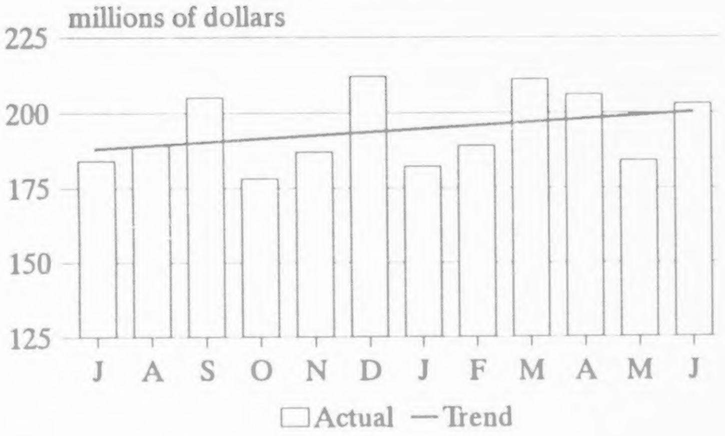
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	102,658	225,208	122,550	614,634	1,359,589	744,954
X-Ray and Related Equip	100,760	83,173	(17,587)	525,411	456,918	(68,493)
Total	**203,418**	**308,381**	**104,963**	**1,140,046**	**1,816,507**	**676,462**

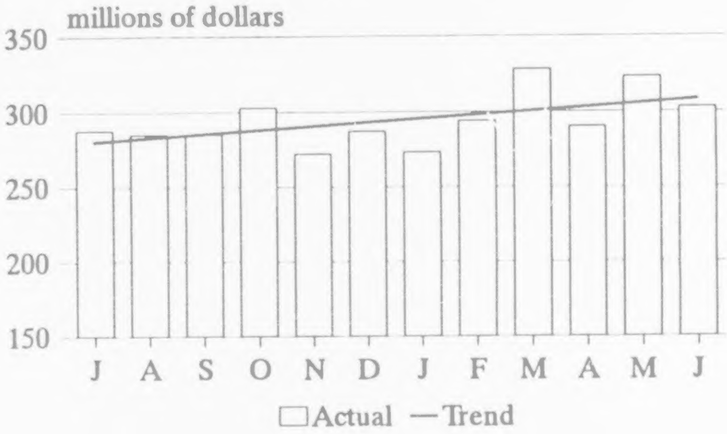
Electromedical Equipment Trade Trends June 1993

(all data seasonally adjusted)

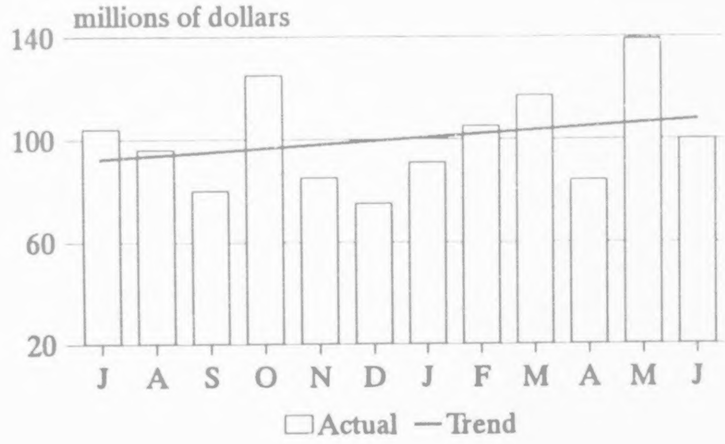
Imports



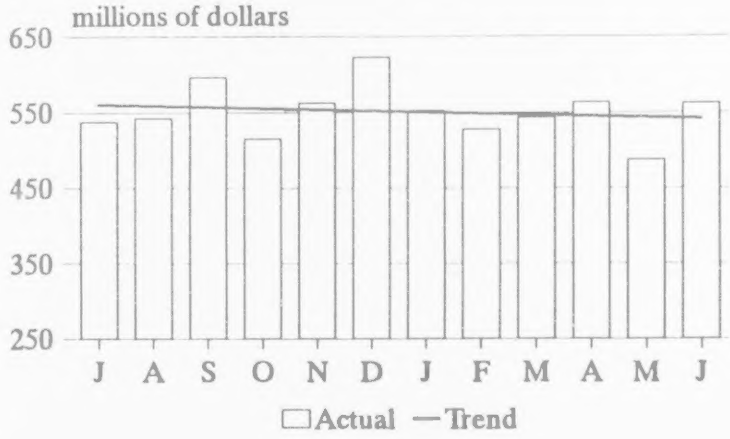
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY JUNE 1993

(thousands of workers, hourly wage index 1/88=100)

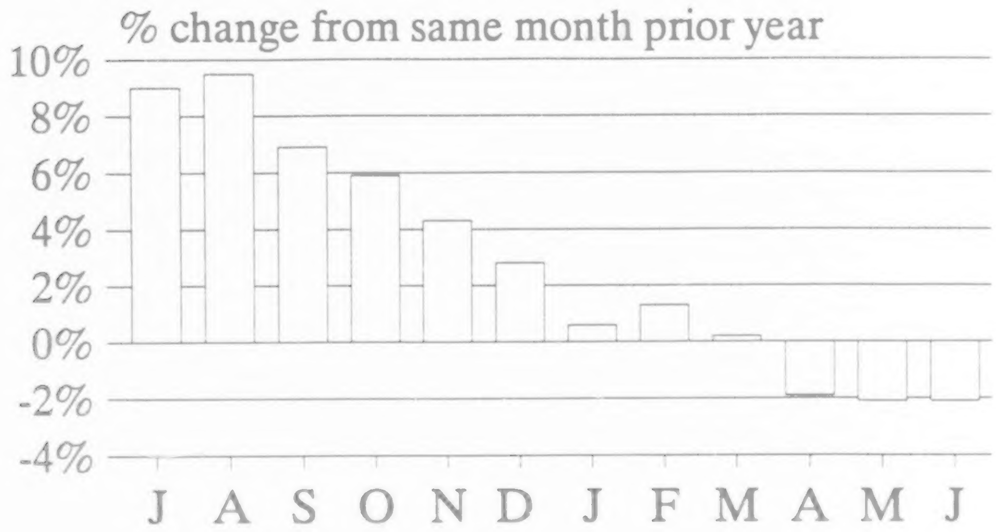
	Not Seasonally Adjusted				
	Jun-93	Jun-92	% ch.	May-93	% ch.
Production Workers	19.4	19.9	-2.5%	19.3	0.5%
All Employees	47.4	48.4	-2.1%	47.4	0.0%
Hourly Wage Index	120.9	120.9	0.0%	120.9	0.0%
Annual Sales/Employee	162,923	166,835	-2.3%	163,543	-0.4%

ELECTROMEDICAL PRODUCER PRICE INDEX JULY 1993

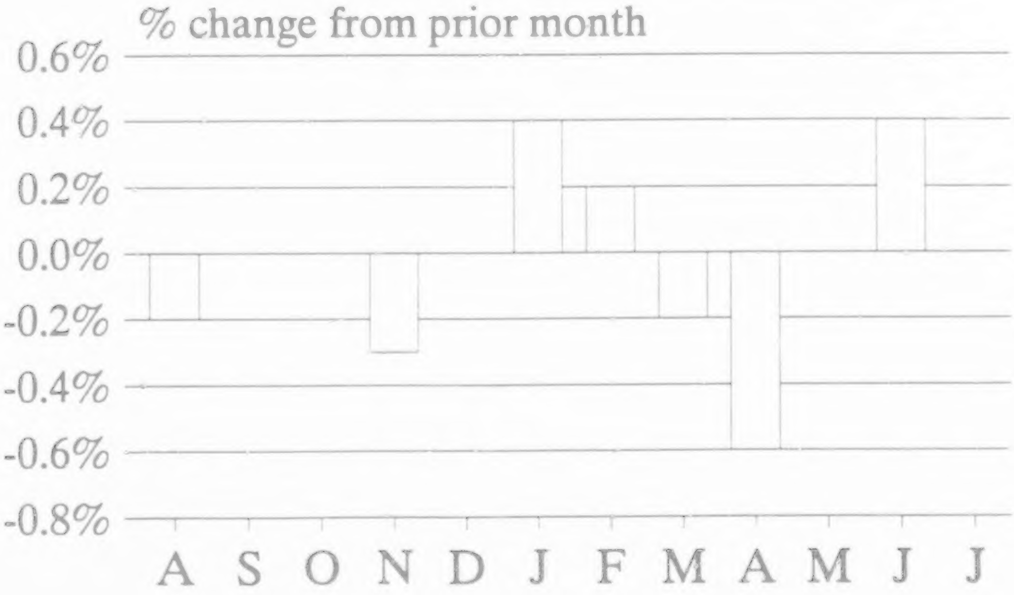
(12/90=100)

	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Composite Index	**102.2**	**102.6**	**-0.4%**	**102.3**	**0.0%**
Irradiation Equipment	102.6	102.1	0.5%	102.6	0.0%
Diagnostic/Monitoring	101.4	103.0	-1.6%	101.3	0.1%
Electrotherapeutic	104.2	102.3	1.9%	104.7	-0.4%

Electromedical Equipment
All Employees June 1993



Electromedical Equipment
Composite Price Index July 1993

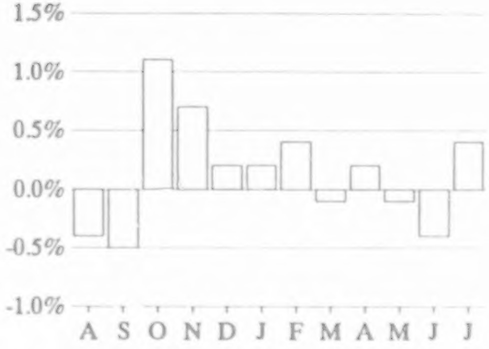


Economic Data Bank - As of September 14, 1993

	Current Period	Previous Period	Year Ago
	Jul-93	Jun-93	Jul-92
Capacity Utilization (% utilized)	**81.5**	**81.3**	**80.0**
	Aug-93	Jul-93	Aug-92
Consumer Confidence (Index 1985=100)	**59.0**	**59.2**	**61.9**
	2nd Qtr	1st Qtr	2nd Qtr
Gross Domestic Product (billions 1987 $)	**5,101.0**	**5,078.2**	**4,892.4**
	1st Qtr	4th Qtr	1st Qtr
Gross National Product (billions 1987 $)	**5,010.3**	**5,080.7**	**4,890.7**
	2nd Qtr	1st Qtr	2nd Qtr
Government Purchases (billions 1987 $)	**941.1**	**931.3**	**934.2**
	Jul-93	Jun-93	Jul-92
Industrial Production (Index 1987=100)	**110.6**	**110.2**	**106.8**
	Jul-93	Jun-93	Jul-92
Housing Starts (annual rate 000's)	**1,212**	**1,246**	**1,106**
	Jul-93	Jun-93	Jul-92
Leading Economic Indicators (Index 1987=100)	**151.5**	**151.6**	**148.9**
	Aug-93	Jul-93	Aug-92
90-Day T-Bill Rate (%)	**3.05**	**3.05**	**3.14**
	Aug-93	Jul-93	Aug-92
Prime Rate (%)	**6.00**	**6.00**	**6.00**
	Jul-93	Jun-93	Jul-92
Unemployment Rate (% of labor force)	**6.8**	**6.9**	**7.6**
	Jul-93	Jun-93	Jul-92
Real Money Supply M-2 (billions 1987 $)	**2,349.5**	**2,347.5**	**2,377.9**
	Jul-93	Jun-93	Jul-92
Retail Sales (billions of dollars)	**172.3**	**172.1**	**162.4**
	Jul-93	Jun-93	Jul-92
Disposable Personal Income (billions 1987 $)	**3,680.0**	**3,693.2**	**3,613.4**
	Jul-93	Jun-93	Jul-92
Auto Sales (annual rate millions)	**9.1**	**9.1**	**8.3**
	Jul-93	Jun-93	Jul-92
Personal Savings Rate (% of income)	**3.3**	**4.0**	**4.8**
	Jul-93	Jun-93	Jul-92
CPI-U All Items (Index 1982-84=100)	**144.4**	**144.4**	**140.5**
	Jul-93	Jun-93	Jul-92
PPI Finished Goods (Index 1982-84=100)	**125.1**	**125.3**	**123.5**
	Jun-93	May-93	Jun-92
Balance of Trade (billions of dollars)	**(12.1)**	**(8.4)**	**(6.8)**

Capacity Utilization

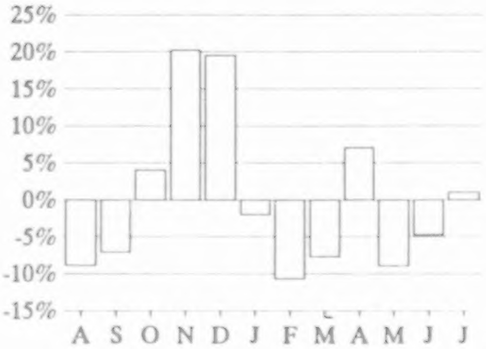
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

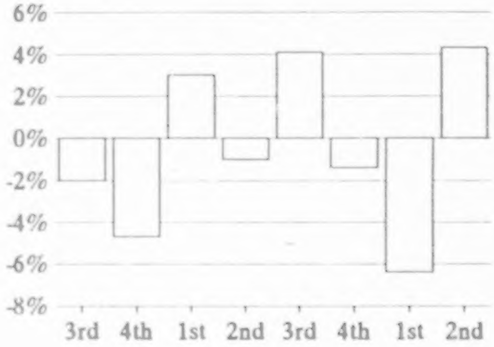
(percent change from previous month)



Source: Conference Board

Government Purchases

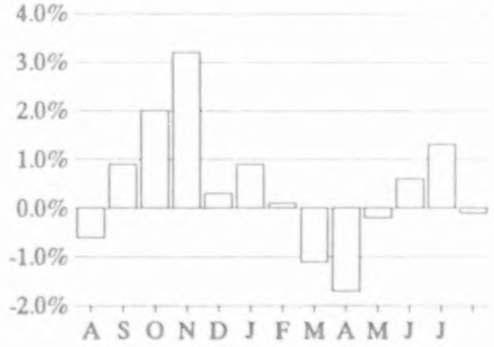
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

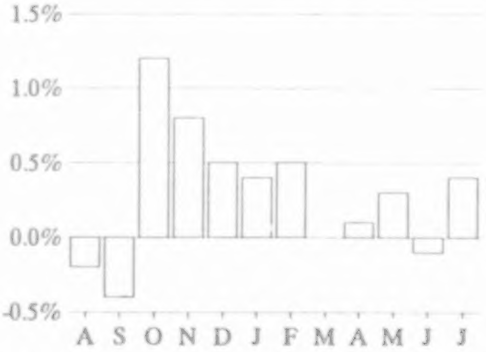
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

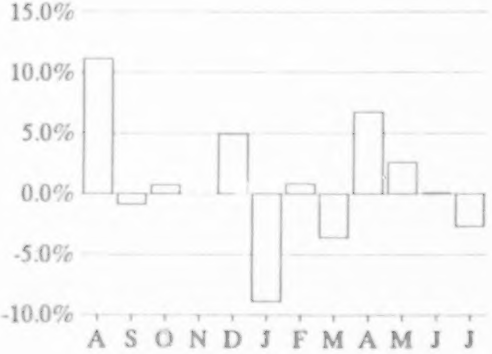
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

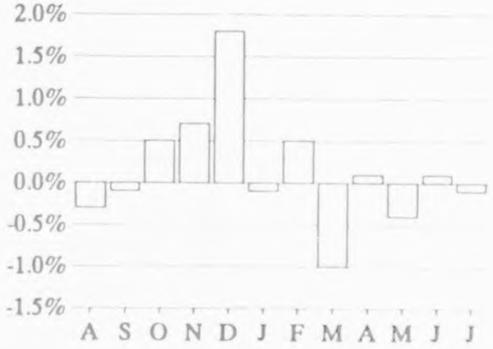
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

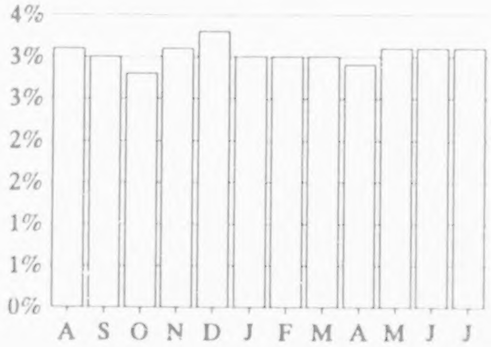
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

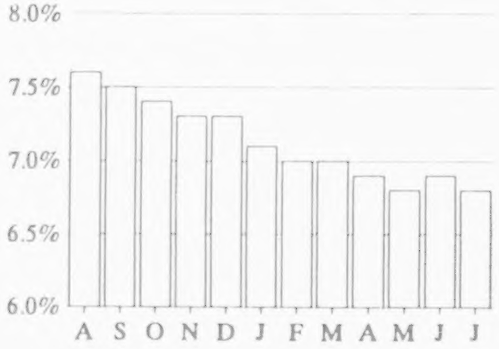
(interest rate)



Source: Conference Board

Unemployment Rate

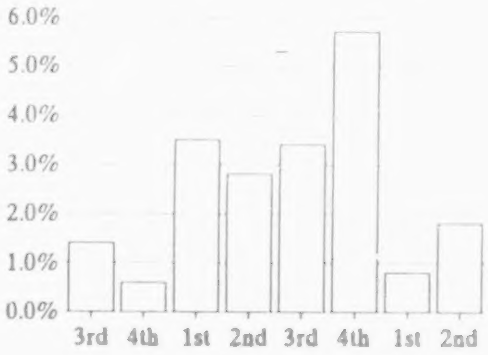
(precent of civilian laborforce)



Source: Department of Commerce

Real GDP

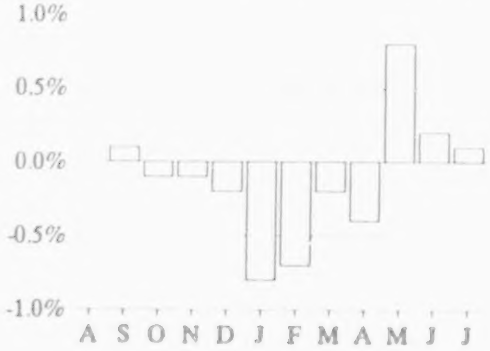
(quarter vs. previous quarter)



Source: Department of Commerce

Real Money Supply M-2

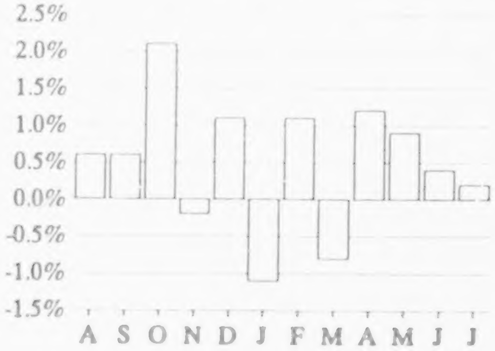
(percent change from previous month)



Source: Department of Commerce

Retail Sales

(percent change from previous month)



Source: Department of Commerce

Endnotes:

Total factory sales on page 1, represent total sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

The U.S. Electronics Industry Composite Producer Price Index is a weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications, equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, and electromedical equipment.

All import data is imports for consumption at customs value.

All export data is total exports = reexports + exports from domestic production.

Sources:

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Data - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

Electronic Market Data Book

This statistical yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: consumer electronics, computers & peripherals, electronic components, government electronics, industrial & electromedical electronics, telecommunications & defense-related communications equipment, and international electronics.

Product sections include U.S. Sales/Shipments, Trade Trends, and Economic Data. Packed with visuals to allow you to quickly assess the industry, the **Electronic Market Data Book** provides information to help pinpoint growing markets and spot trends. For over 40 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** to provide the most up- to-date and reliable data available. A table of contents from the **Electronic Market Data Book** is available free on request.

Electronics Foreign Trade

Designed for rapid and accurate identification of import and export trends, this monthly statistical report features:

- Monthly and year-to-date import and export figures for over 300 electronic products by unit sales and dollar volume.
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- Top 10 foreign suppliers of electronic products to the U.S.
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Electronic Market

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U.S. ELECTRONICS FACTORY DATA SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**26,433**	**25,928**	**1.9%**	**25,223**	**22,435**	**12.4%**	**197,460**	**182,284**	**8.3%**
New Orders	17,040	16,144	5.5%	18,271	13,782	32.6%	142,101	115,877	22.6%
Production	16,592	16,354	1.5%	16,131	14,429	11.8%	108,971	99,184	9.9%
Inventory	33,973	34,018	-0.1%	32,175	33,402	-3.7%	n/a	n/a	
Unfilled Orders	59,252	59,197	0.1%	56,421	57,682	-2.2%	n/a	n/a	
Book/Bill Ratio	0.64	0.62	3.5%	0.72	0.61	17.9%	n/a	n/a	
Inv/Sales Ratio	1.29	1.31	-2.0%	1.28	1.49	-14.3%	n/a	n/a	
Unf/Sales Ratio	2.24	2.28	-1.8%	2.24	2.57	-13.0%	n/a	n/a	
Prod/Sales Ratio	0.63	0.63	-0.5%	0.64	0.64	-0.6%	n/a	n/a	

U.S. ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	8,668	8,985	-3.5%	8,751	7,457	17.4%	55,543	47,826	16.1%
Exports	6,967	6,786	2.7%	6,692	6,126	9.2%	47,739	43,946	8.6%
Balance	(1,701)	(2,199)	-22.6%	(2,059)	(1,331)	54.7%	(7,804)	(3,881)	n/a

U.S. ELECTRONICS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

	Imports			Exports			Year-to-Date 1993		
	Jul-93	Jul-92	% ch.	Jul-93	Jul-92	% ch.	Imports	Exports	Balance
Japan	2,554	2,637	-3.1%	668	623	7.2%	18,462	4,642	(13,820)
Canada	447	448	-0.2%	1,040	1,060	-1.9%	3,718	7,773	4,055
Singapore	790	637	24.0%	439	315	39.4%	5,195	2,717	(2,478)
Mexico	538	452	19.0%	511	467	9.4%	3,529	3,596	67
Taiwan	709	686	3.4%	313	268	16.8%	4,802	1,964	(2,838)
S. Korea	367	537	-31.7%	269	213	26.3%	3,540	1,723	(1,817)
Malaysia	382	472	-19.1%	247	185	33.5%	3,601	1,619	(1,982)
U.K.	191	200	-4.5%	476	431	10.4%	1,401	3,728	2,327
Germany	226	236	-4.2%	406	364	11.5%	1,495	2,967	1,472
Hong Kong	148	n/a	n/a	240	n/a	n/a	1,101	1,544	443
Other	1,201	918	30.8%	2,100	2,100	0.0%	7,501	15,483	7,982

U.S. ELECTRONICS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

	Seasonally Adjusted			Not Seasonally Adjusted		
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.
Production Workers	802.8	805.6	-0.4%	802.6	849.2	-5.5%
All Employees	**1,688.2**	**1,696.3**	**-0.5%**	**1,689.7**	**1,808.2**	**-6.6%**
Hourly Wage Index	n/a	n/a		119.7	117.2	2.2%

U.S. ELECTRONICS COMPOSITE PRODUCER PRICE INDEX AUGUST 1993

(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**92.3**	**94.1**	**-1.9%**	**92.6**	**-0.3%**

U.S. ELECTRONICS INDUSTRY SCORECARD

Sales	**up**	**Factory sales up 2% in August from prior month, up 8% YTD**
Orders	**up**	**New orders up 6% in August, up 23% YTD**
Imports	**up**	**Imports up 17% from July 1992, up 16% YTD**
Exports	**up**	**Exports up 9% from July 1992, up 9% YTD**
Employment	**down**	**Total Employment, down 6% in July from prior year**
Wages	**up**	**Hourly Wages up 2% from July of last year**
Factory Prices	**down**	**Composite Producer Price Index down 2% over August 1992**

ELECTRONIC COMPONENTS U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**6,352**	**6,184**	**2.7%**	**6,350**	**5,209**	**21.9%**	**47,896**	**41,296**	**16.0%**
New Orders	6,435	7,111	-9.5%	6,180	5,224	18.3%	47,842	41,966	14.0%
Production	6,415	6,292	2.0%	6,502	5,303	22.6%	48,631	41,498	17.2%
Inventory	9,149	9,085	0.7%	9,353	8,849	5.7%	n/a	n/a	
Unfilled Orders	15,187	15,181	0.0%	15,001	14,152	6.0%	n/a	n/a	
Book/Bill Ratio	1.01	1.15	-11.9%	0.97	1.00	-3.0%	n/a	n/a	
Inv/Sales Ratio	1.44	1.47	-2.0%	1.47	1.70	-13.3%	n/a	n/a	
Unf/Sales Ratio	2.39	2.45	-2.6%	2.36	2.72	-13.0%	n/a	n/a	
Prod/Sales Ratio	1.01	1.02	-0.7%	1.02	1.02	0.6%	n/a	n/a	

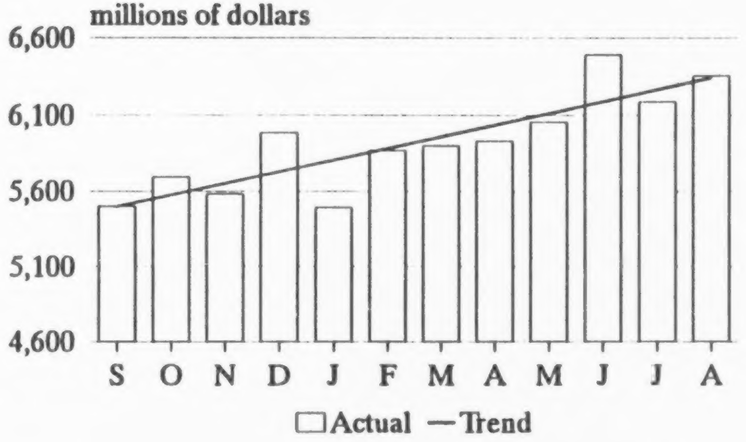
ELECTRONICS COMPONENTS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 3% in August from prior month, up 16% YTD**
Orders	down	**New Orders down 10% in August, up 14% YTD**
Imports	up	**Imports up 23% from July 1992, up 17% YTD**
Exports	up	**Exports up 19% from July 1992, up 17% YTD**
Employment	down	**Total Employment, down 3% in July from prior year**
Wages	up	**Hourly Wages up 2% from July of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from August 1992**

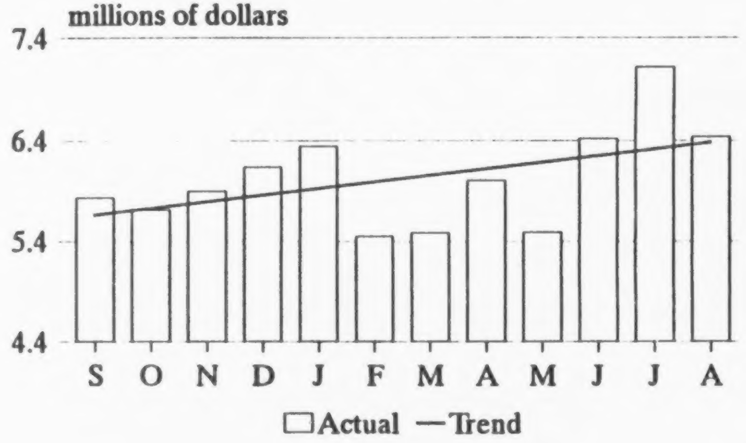
Electronics Components U.S Factory Trends August 1993

(all data seasonally adjusted)

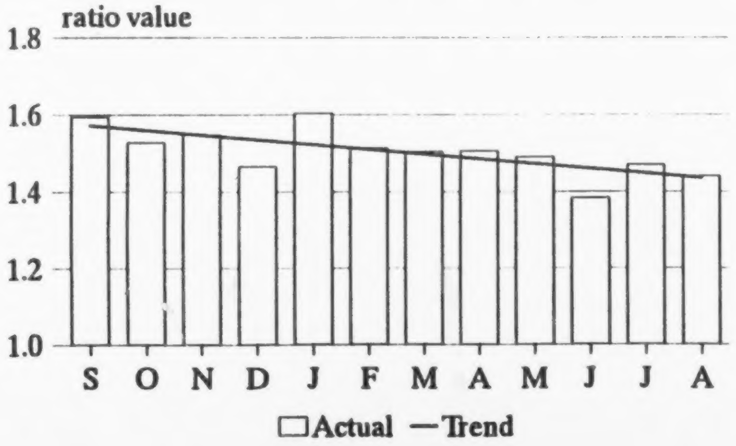
Factory Sales



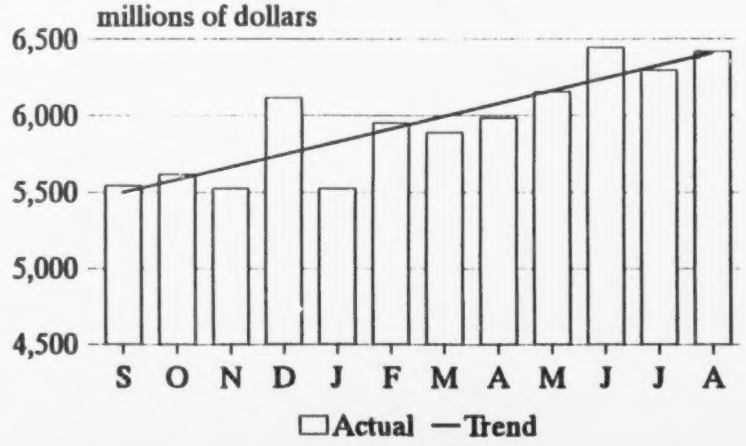
New Orders



Inventory/Sales Ratio



Production



ELECTRONIC COMPONENTS IMPORT/EXPORT SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Electron Tubes	44	73	-39.7%	52	55	-5.5%	341	367	-7.1%
Passive	801	801	0.0%	811	730	11.1%	5,332	5,003	6.6%
Solid State	1,618	1,735	-6.7%	1,648	1,260	30.8%	10,817	8,685	24.6%
Total	**2,463**	**2,609**	**-5.6%**	**2,511**	**2,045**	**22.8%**	**16,490**	**14,055**	**17.3%**
EXPORTS									
Electron Tubes	61	62	-1.6%	65	51	27.5%	444	380	16.7%
Passive	466	506	-7.9%	476	439	8.4%	3,495	3,292	6.2%
Solid State	1,700	1,461	16.4%	1,629	1,329	22.6%	10,842	9,014	20.3%
Total	**2,227**	**2,029**	**9.8%**	**2,170**	**1,819**	**19.3%**	**14,781**	**12,686**	**16.5%**
BALANCE									
Electron Tubes	17	(11)	n/a	13	(4)	n/a	102	13	n/a
Passive	(335)	(295)	13.6%	(335)	(291)	15.1%	(1,836)	(1,710)	7.4%
Solid State	82	(274)	n/a	(19)	69	n/a	25	329	n/a
Total	**(236)**	**(580)**	**-59.3%**	**(341)**	**(226)**	**50.9%**	**(1,709)**	**(1,368)**	**24.9%**

ELECTRONIC COMPONENTS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	4,806	3,947	21.8%	Canada	2,594	2,711	-4.3%
Malaysia	1,744	1,192	46.3%	Mexico	1,452	1,280	13.4%
S. Korea	1,482	1,255	18.1%	Singapore	1,440	1,044	37.9%
Mexico	1,432	1,133	26.4%	Malaysia	1,248	965	29.3%
Taiwan	1,420	1,570	-9.5%	Japan	1,214	1,001	21.3%
Canada	1,323	1,375	-3.8%	U.K.	996	759	31.2%
Singapore	1,012	964	5.0%	Taiwan	984	880	11.8%
Philippines	602	n/a	n/a	S. Korea	775	655	18.3%
Hong Kong	445	n/a	n/a	Hong Kong	747	n/a	n/a
U.K.	277	241	14.9%	Philippines	455	n/a	n/a
Other	1,948	2,378	-18.1%	Other	2,876	3,391	-15.2%

ELECTRONIC COMPONENTS PRODUCT TRADE SUMMARY JULY 1993

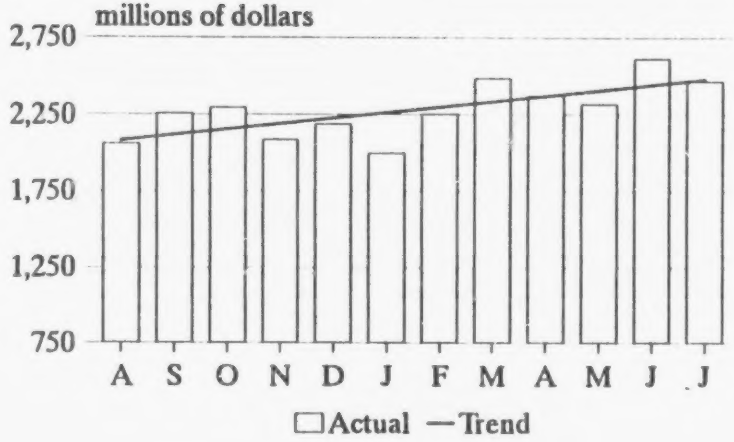
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Cathode Ray Tubes	38,220	46,425	8,205	243,772	326,298	82,526
Receiving Tubes	277	554	278	3,007	2,589	(418)
Power/Special Purpose Tubes	13,313	17,566	4,253	94,414	112,902	18,488
Capacitors	61,066	47,784	(13,282)	412,146	368,286	(43,859)
Resistors	41,546	16,930	(24,615)	264,639	127,509	(137,130)
Relays	41,906	37,657	(4,249)	292,634	234,216	(58,418)
Connectors	55,142	40,322	(14,819)	360,368	274,477	(85,891)
Electronic Wire	87,182	92,396	5,215	583,638	693,066	109,427
Transformers	11,520	2,077	(9,444)	89,268	15,450	(73,817)
Power Supplies	101,814	9,549	(92,265)	636,730	94,358	(542,372)
Printed Circuits and Boards	99,988	83,639	(16,350)	716,750	635,218	(81,532)
Parts of TV/Audio Apparatus	216,814	110,386	(106,429)	1,319,430	814,134	(505,296)
Indicator Panels	36,751	4,133	(32,618)	242,584	32,664	(209,920)
Switches	13,343	1,997	(11,346)	100,769	15,270	(85,498)
Piezoelectric Crystals	18,490	5,054	(13,435)	125,286	34,494	(90,791)
Other Parts	26,132	18,809	(7,323)	189,627	133,469	(56,158)
EPROMs	61,662	28,721	(32,941)	386,253	175,608	(210,645)
Microprocessors	139,241	179,876	40,635	943,183	1,222,391	279,208
DRAMs	314,576	134,565	(180,011)	2,114,030	827,003	(1,287,028)
SRAMs	72,491	25,867	(46,624)	481,118	169,751	(311,367)
Analog ICs	146,865	70,843	(76,022)	912,479	486,565	(425,914)
Other ICs	519,464	352,743	(166,721)	3,409,885	2,323,990	(1,085,894)
Diodes	40,365	14,986	(25,380)	256,893	108,654	(148,239)
Transistors	35,855	5,241	(30,614)	243,475	35,342	(208,134)
Chips, Wafers & Parts	279,971	790,091	510,120	1,816,909	5,522,788	3,705,879
Other Semiconductors	35,881	21,660	(14,221)	235,822	136,453	(99,369)
Solar Cells	1,325	4,347	3,022	13,905	35,813	21,908
Total	**2,511,200**	**2,164,220**	**(346,980)**	**16,489,011**	**14,958,756**	**(1,530,255)**

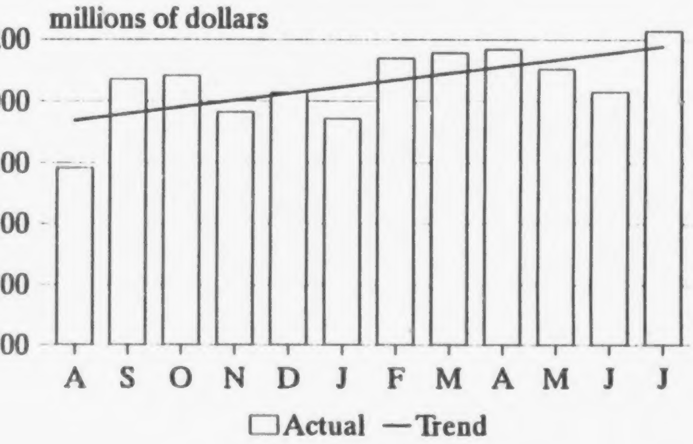
Electronic Components Trade Trends July 1993

(all data seasonally adjusted)

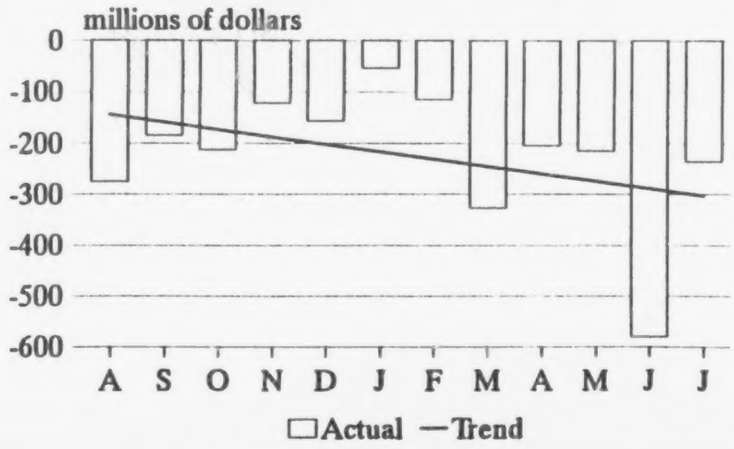
Imports



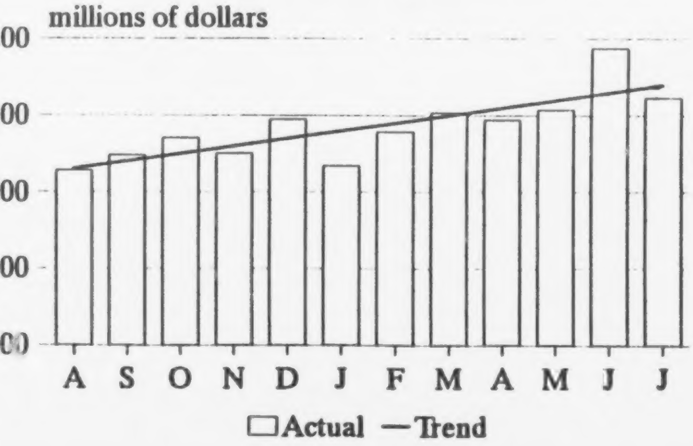
Exports



Balance of Trade



Consumption



ELECTRONIC COMPONENTS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

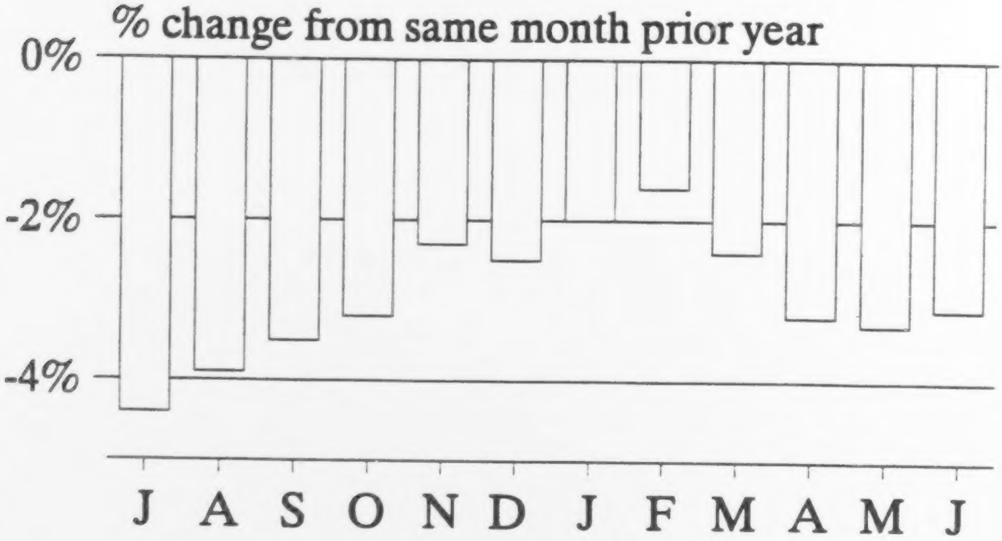
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	**339.8**	**348.1**	**-2.4%**	**339.2**	**0.2%**
Electron Tubes	15.7	17.1	-8.2%	16.4	-4.3%
Semiconductors	90.9	94.0	-3.3%	90.3	0.7%
Other	233.2	237.0	-1.6%	232.5	0.3%
All Employees	**579.4**	**597.9**	**-3.1%**	**576.6**	**0.5%**
Electron Tubes	23.4	25.7	-8.9%	24.3	-3.7%
Semiconductors	214.5	225.6	-4.9%	213.0	0.7%
Other	341.5	346.6	-1.5%	339.3	0.6%
Hourly Wage Index	121.1	119.0	1.8%	121.4	-0.2%
Annual Sales/Employee	117,931	102,260	15.3%	116,425	1.3%

ELECTRONIC COMPONENTS PRODUCER PRICE INDEX AUGUST 1993

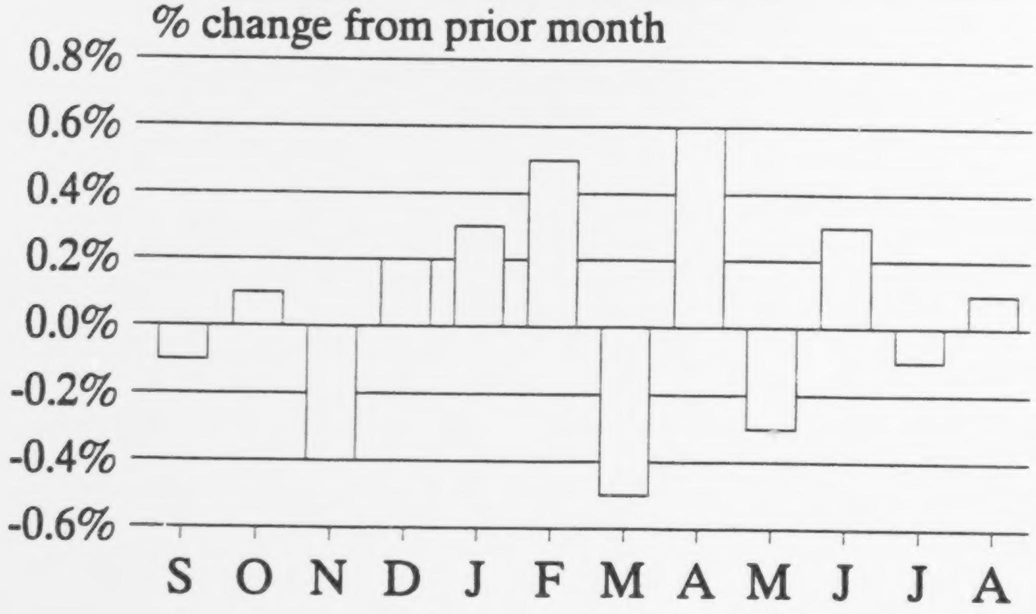
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**99.7**	**99.1**	**0.6%**	**99.6**	**0.1%**
CRTs	96.5	98.2	-1.7%	96.5	0.0%
Capacitors	98.4	100.6	-2.2%	98.4	0.0%
Resistors	97.5	97.8	-0.3%	97.7	-0.2%
Relays	111.1	111.6	-0.4%	110.9	0.1%
Switches	106.8	102.4	4.3%	106.2	0.6%
Connectors	119.9	106.7	12.4%	119.9	0.0%
Filters	109.8	105.4	4.2%	109.5	0.2%
Antennae	89.3	89.0	0.4%	87.4	2.2%
Diodes	99.7	99.2	0.5%	99.6	0.1%
Transistors	100.2	98.7	1.5%	99.8	0.3%
Semiconductors	94.1	94.7	-0.6%	94.4	-0.3%
Printed Circuits	96.2	99.3	-3.1%	96.2	0.1%
Electronic Wire	101.2	100.0	1.2%	101.0	0.2%

Electronic Components
All Employees July 1993



Electronic Components
Composite Price Index August 1993



DOMESTICALLY PRODUCED CONSUMER ELECTRONICS AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**841**	**863**	**-2.5%**	**809**	**789**	**2.6%**	**5,880**	**5,797**	**1.4%**
Inventory	1,262	1,289	-2.1%	1,406	1,387	1.3%	n/a	n/a	
Inv/Sales Ratio	1.50	1.49	0.5%	1.74	1.76	-1.2%	n/a	n/a	

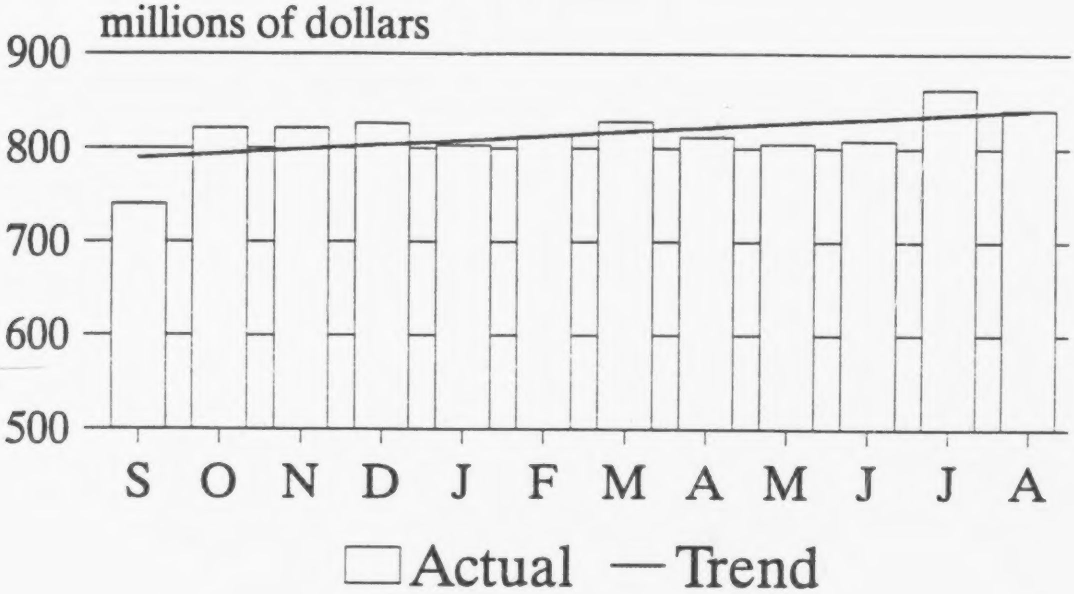
CONSUMER ELECTRONICS SALES INCLUDING IMPORTS AUGUST 1993

(not seasonally adjusted millions of dollars)

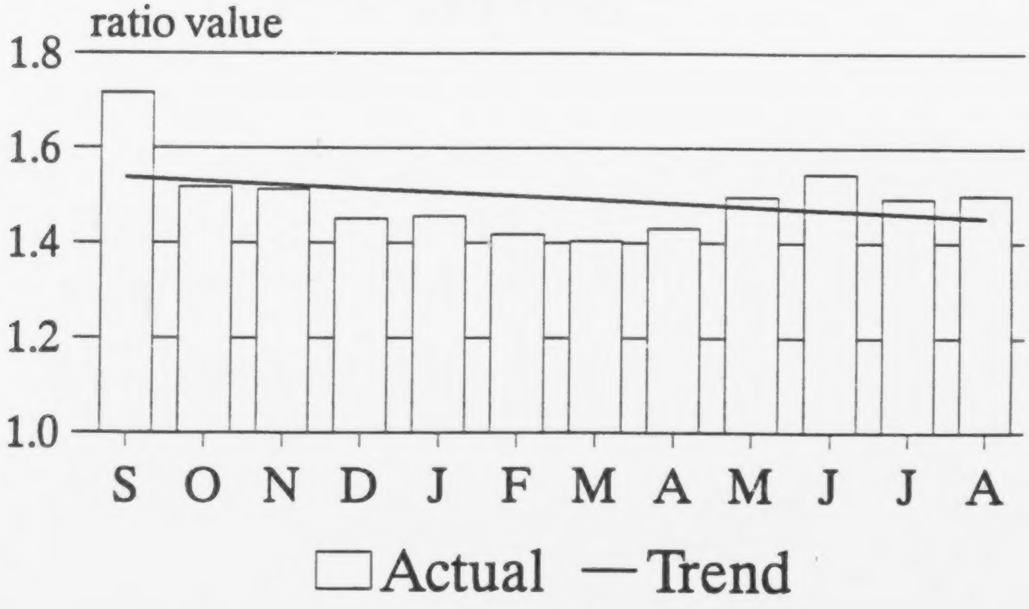
	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Video Products	**1,015**	**996**	**2.0%**	**7,634**	**7,092**	**7.6%**
Color TVs	534	489	9.1%	3,836	3,523	8.9%
Projection TV	62	57	9.6%	418	366	14.4%
TV/VCR	36	21	n/a	287	195	n/a
VCR Decks	212	228	-7.1%	1,647	1,659	-0.8%
Camcorders	134	166	-19.1%	1,130	1,058	6.8%
Other	37	34	8.2%	315	291	8.2%
Audio Products	**935**	**893**	**4.7%**	**6,447**	**6,154**	**4.8%**
Portable	219	216	1.2%	1,399	1,395	0.3%
Home Components	139	130	6.7%	962	941	2.2%
Autosound	440	422	4.4%	3,267	3,055	7.0%
Audio Systems	137	125	9.6%	819	763	7.3%
Home Information Equipment	885	867	2.2%	7,021	6,719	4.5%
Blank Media and Accessories	351	325	8.1%	2,699	2,574	4.8%
Total	**3,187**	**3,080**	**3.4%**	**23,800**	**22,540**	**5.6%**

Domestically Produced Consumer Electronics
U.S. Factory Trends August 1993

Factory Sales



Inventory/Sales



CONSUMER ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	1,532	1,568	-2.3%	1,539	1,436	7.2%	8,740	8,400	4.0%
Exports	243	247	-1.6%	222	242	-8.3%	1,723	1,718	0.3%
Balance	(1,289)	(1,321)	-2.4%	(1,317)	(1,194)	10.3%	(7,017)	(6,681)	5.0%

CONSUMER ELECTRONICS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	3,505	3,928	-10.8%	Canada	442	423	4.4%
Malaysia	772	808	-4.5%	Mexico	275	275	0.1%
Mexico	1,004	833	20.5%	Japan	125	162	-22.8%
S. Korea	613	875	-29.9%	Taiwan	80	80	0.0%
China	589	562	4.8%	U.K.	66	64	3.1%
Singapore	257	359	-28.4%	Germany	64	68	-5.9%
Taiwan	255	368	-30.7%	Hong Kong	61	64	-4.7%
Thailand	151	286	-47.2%	Netherlands	50	61	-18.0%
Indonesia	61	76	-19.7%	Venezuela	39	45	-13.3%
Brazil	71	n/a	n/a	Argentina	38	58	-34.5%
Other	1,462	305	n/a	Other	483	418	15.3%

CONSUMER ELECTRONICS PRODUCT TRADE SUMMARY JULY 1993

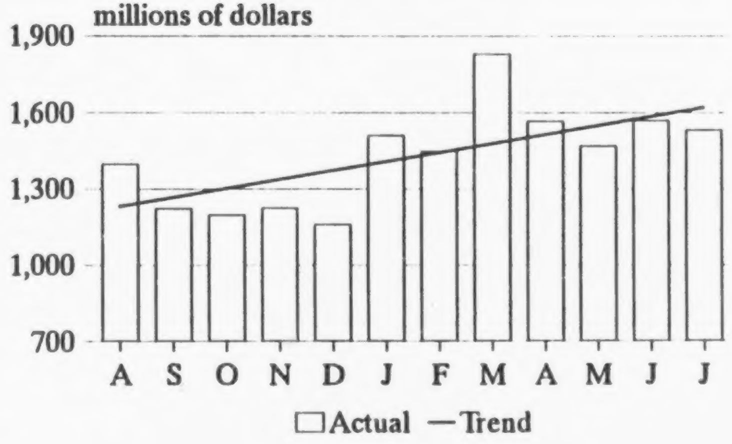
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	202,434	40,437	(161,998)	1,248,960	268,639	(980,321)
Monochrome TV Receivers	10,136	6,428	(3,708)	57,776	39,683	(18,093)
VCR Decks	236,927	8,630	(228,297)	1,381,290	90,474	(1,290,816)
Camcorders	177,206	0	(177,206)	874,618	0	(874,618)
Videocassette Players	24,941	0	(24,941)	80,660	0	(80,660)
Laserdisc Players	15,879	6,425	(9,455)	83,904	40,837	(43,068)
Portable Audio Equipment	76,382	8,404	(67,978)	431,440	52,573	(378,868)
Separate Audio Components	278,296	84,645	(193,650)	1,523,941	661,854	(862,087)
Home Radios	11,092	288	(10,804)	92,834	3,416	(89,419)
Home Radio/Tape Combinations	139,262	2,407	(136,855)	714,927	18,530	(696,398)
Autosound Equipment	119,867	17,507	(102,361)	865,112	195,291	(669,821)
Blank Media	71,284	29,370	(41,914)	452,193	215,126	(237,067)
Video Games	175,780	17,676	(158,104)	933,238	128,402	(804,835)
Total	**1,539,487**	**222,217**	**(1,317,270)**	**8,740,893**	**1,714,823**	**(7,026,070)**

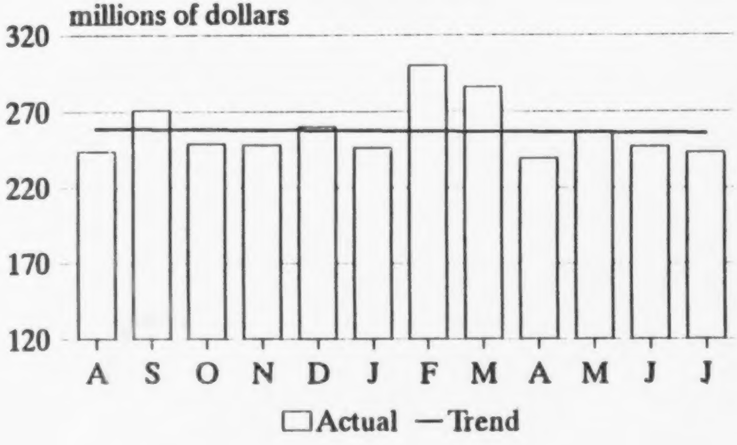
Consumer Electronics Trade Trends July 1993

(all data seasonally adjusted)

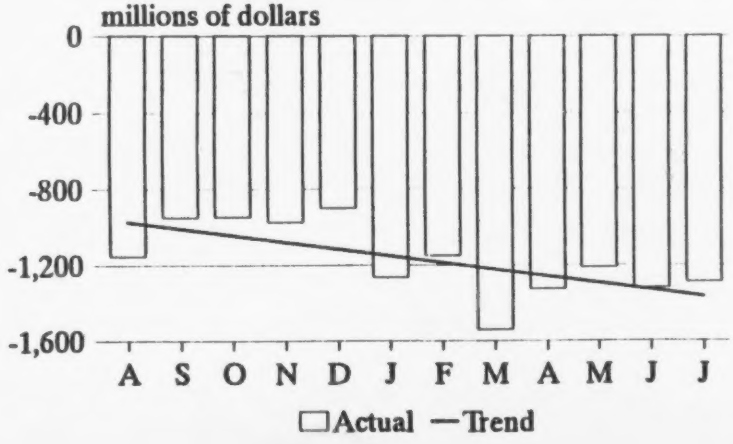
Imports



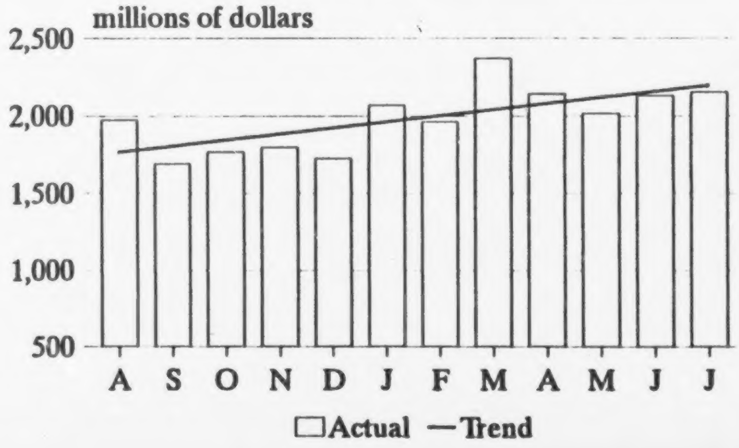
Exports



Balance of Trade



Consumption



CONSUMER ELECTRONICS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

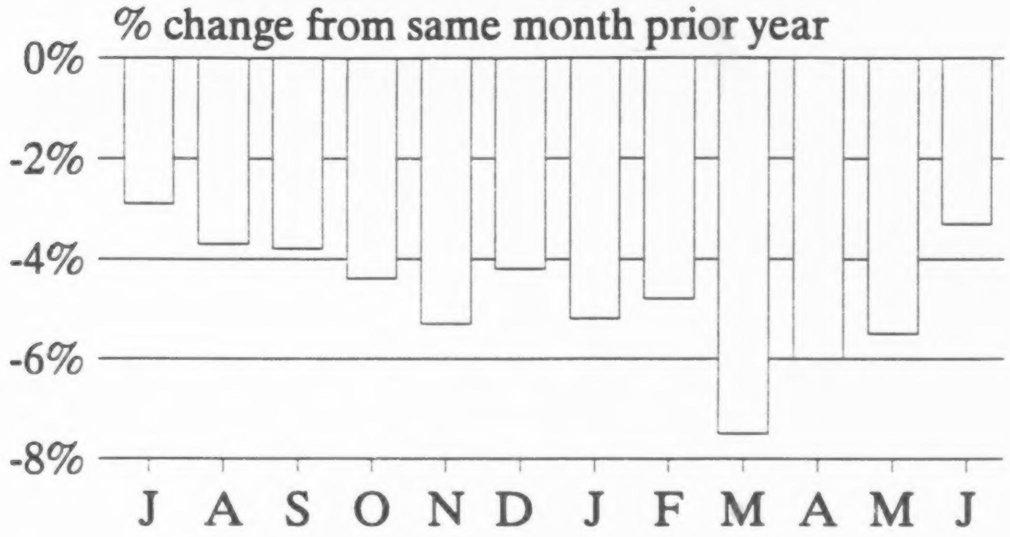
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	37.5	39.5	-5.1%	36.1	9.4%
All Employees	58.6	60.6	-3.3%	57.2	5.9%
Hourly Wage Index	116.4	119.1	-2.2%	117.5	1.3%
Annual Sales/Employee	165,588	147,232	12.5%	166,095	-11.4%

CONSUMER ELECTRONICS PRODUCER PRICE INDEX AUGUST 1993

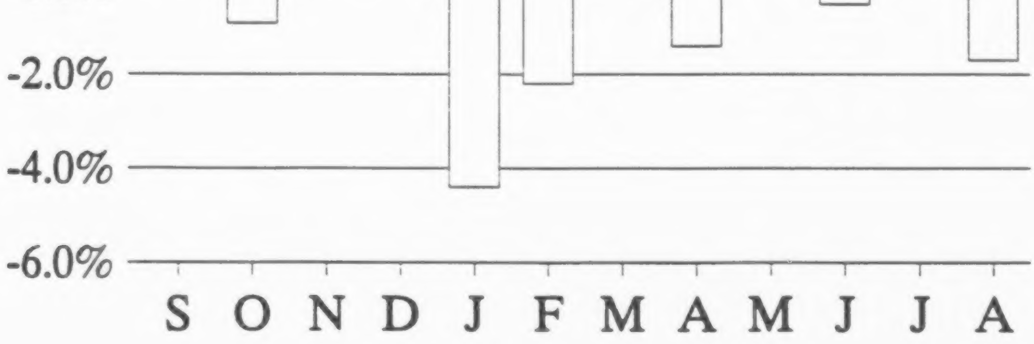
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**97.0**	**98.5**	**-1.5%**	**98.8**	**-1.7%**
Home Audio	81.0	88.5	-8.5%	81.8	-1.0%
Portable Audio	124.1	121.4	2.3%	124.1	0.0%
Autosound	81.3	90.5	-10.2%	88.0	-7.6%
Audio Systems	102.6	96.8	6.0%	104.3	-1.6%
Color TV	113.0	106.2	6.4%	111.0	1.8%
Projection TV	99.0	91.3	8.5%	100.0	-1.0%
VCR Decks	100.0	105.7	-5.4%	102.0	-2.0%
Camcorders	84.0	85.5	-1.7%	85.0	-1.2%

Consumer Electronics
All Employees July 1993



Consumer Electronics
Composite Price Index August 1993



TELECOMMUNICATIONS U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

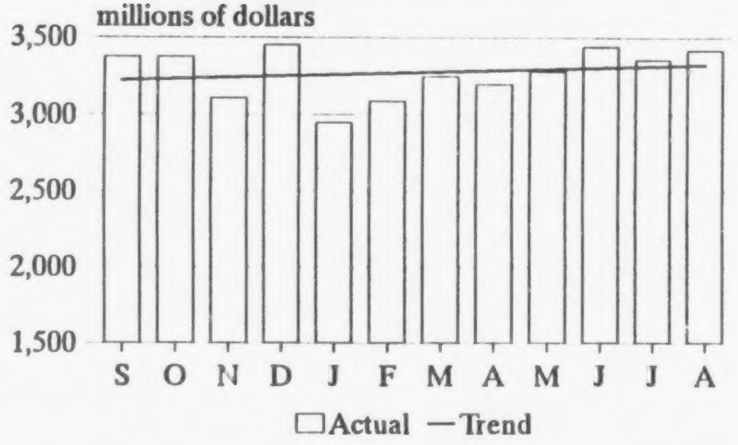
	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**3,413**	**3,353**	**1.8%**	**3,318**	**2,831**	**17.2%**	**25,192**	**22,645**	**11.2%**
New Orders	3,468	3,387	2.4%	3,316	2,757	20.3%	25,029	22,657	10.5%
Production	3,564	3,554	0.3%	3,467	2,996	15.7%	26,521	22,954	15.5%
Inventory	8,112	7,961	1.9%	8,245	6,923	19.1%	n/a	n/a	
Unfilled Orders	11,558	11,512	0.4%	11,447	11,267	1.6%	n/a	n/a	
Book/Bill Ratio	1.02	1.01	0.6%	1.00	0.97	2.6%	n/a	n/a	
Inv/Sales Ratio	2.38	2.37	0.1%	2.49	2.45	1.6%	n/a	n/a	
Unf/Sales Ratio	3.39	3.43	-1.4%	3.45	3.98	-13.3%	n/a	n/a	
Prod/Sales Ratio	1.04	1.06	-1.5%	1.04	1.06	-1.3%	n/a	n/a	

TELECOMMUNICATIONS INDUSTRY SCORECARD

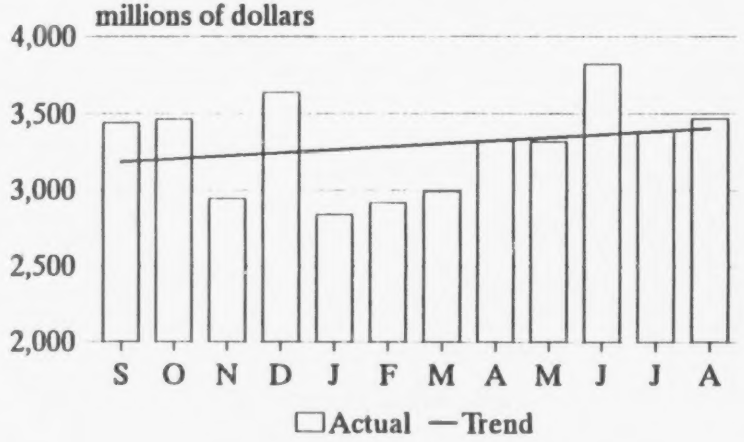
Sales	up	**Factory Sales up 2% in August from prior month, up 11% YTD**
Orders	up	**New Orders up 2% in August, up 11% YTD**
Imports	up	**Imports up 11% from July 1992, up 11% YTD**
Exports	up	**Exports up 16% from July 1992, up 19% YTD**
Employment	down	**Total Employment, down 4% in July from prior year**
Wages	up	**Hourly Wages up 1% from July of last year**
Factory Prices	up	**Composite Producer Price Index up 2% from August 1992**

Telecommunications U.S Factory Trends August 1993

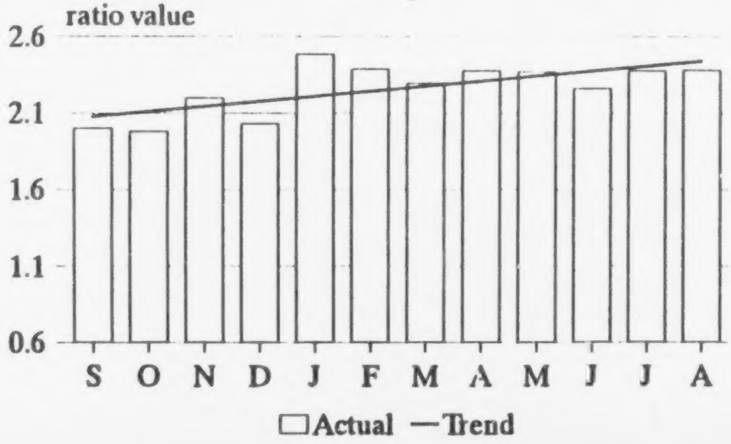
(all data seasonally adjusted)



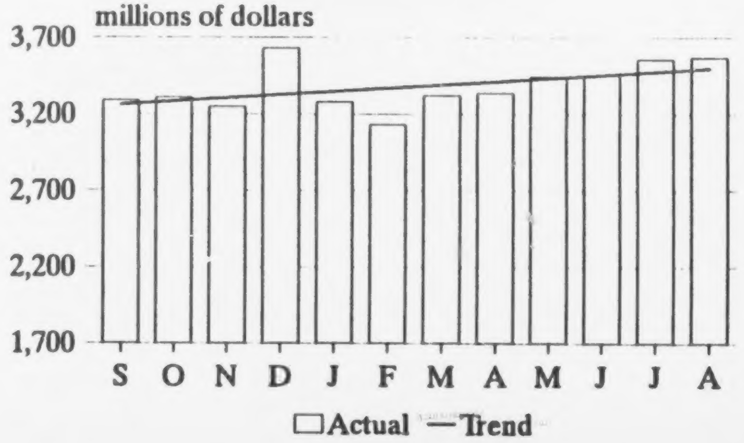
Factory Sales



New Orders



Inventory/Sales Ratio



Production

TELECOMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	748	778	-3.9%	752	679	10.8%	5,030	4,548	10.6%
Exports	769	815	-5.6%	796	684	16.4%	5,496	4,622	18.9%
Balance	21	37	n/a	44	5	n/a	466	74	n/a

TELECOMMUNICATIONS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	1,658	1,645	0.8%	Canada	856	735	16.5%
Canada	674	547	23.2%	Mexico	644	628	2.5%
China	398	290	37.2%	Japan	501	323	55.1%
Malaysia	364	361	0.8%	U.K.	333	286	16.4%
Mexico	294	226	30.1%	China	268	n/a	n/a
Taiwan	295	350	-15.7%	Taiwan	231	180	28.3%
S. Korea	170	195	-12.8%	Germany	164	170	-3.5%
Singapore	166	156	6.4%	Hong Kong	151	115	31.3%
Thailand	166	165	0.6%	France	133	n/a	n/a
Philippines	153	124	23.4%	S. Korea	145	166	-12.7%
Other	692	489	41.8%	Other	2,070	2,019	2.5%

TELECOMMUNICATIONS PRODUCT TRADE SUMMARY JULY 1993

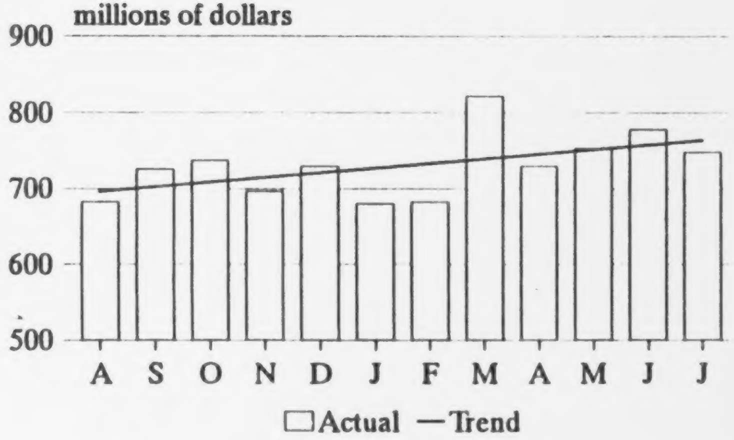
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	98,780	20,486	(78,294)	643,416	137,719	(505,697)
Telephonic Apparatus and Parts	134,810	208,354	73,543	934,326	1,387,524	453,198
Telegraphic Apparatus and Parts	23,400	47,866	24,465	182,231	437,013	254,783
Radio Transmitters	8,625	26,767	18,142	47,136	205,371	158,235
Radio Receivers	21,844	24,846	3,002	135,568	159,184	23,616
Radio Transceivers	51,600	88,178	36,578	368,283	646,509	278,226
Telephone Answering Devices	19,068	11,007	(8,061)	146,017	76,299	(69,718)
TV Transmission/Reception App.	142,460	171,598	29,138	969,135	1,282,033	312,899
Cellular Telephones	32,507	81,147	48,640	248,980	471,312	222,332
Facsimile Machines	99,689	0	(99,689)	598,119	0	(598,119)
Cordless Telephones	84,022	13,151	(70,871)	524,528	92,787	(431,741)
Modems	16,846	32,799	15,953	100,662	252,243	151,582
Paging Alert Devices	5,189	391	(4,799)	49,647	967	(48,681)
Fiber Optic Cable	2,675	12,972	10,297	30,279	94,618	64,339
Other Cable and Parts	10,379	56,333	45,954	57,166	223,237	166,070
Total	**751,894**	**795,894**	**44,000**	**5,035,492**	**5,466,816**	**431,324**

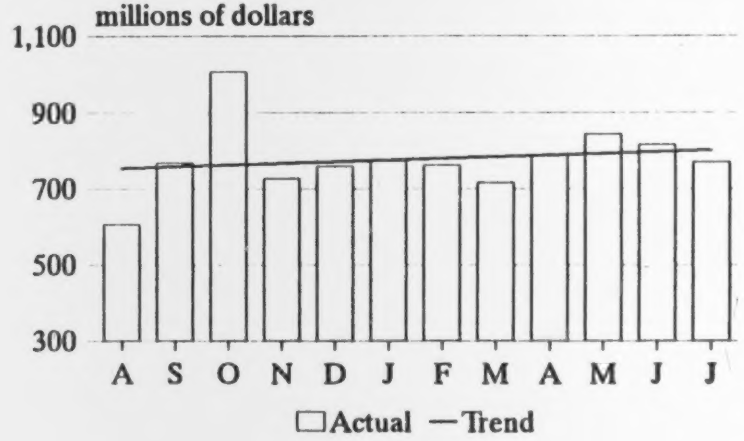
Telecommunications Trade Trends July 1993

(all data seasonally adjusted)

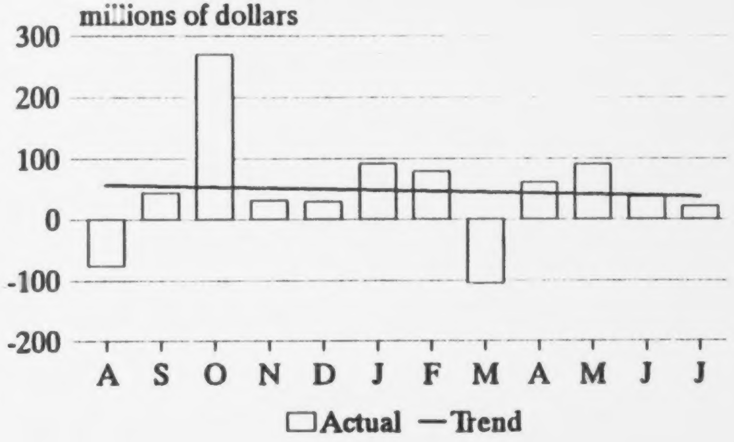
Imports



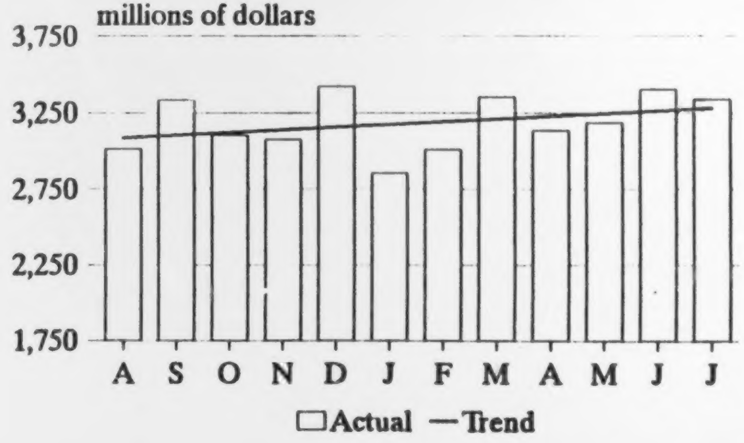
Exports



Balance of Trade



Consumption



TELECOMMUNICATIONS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

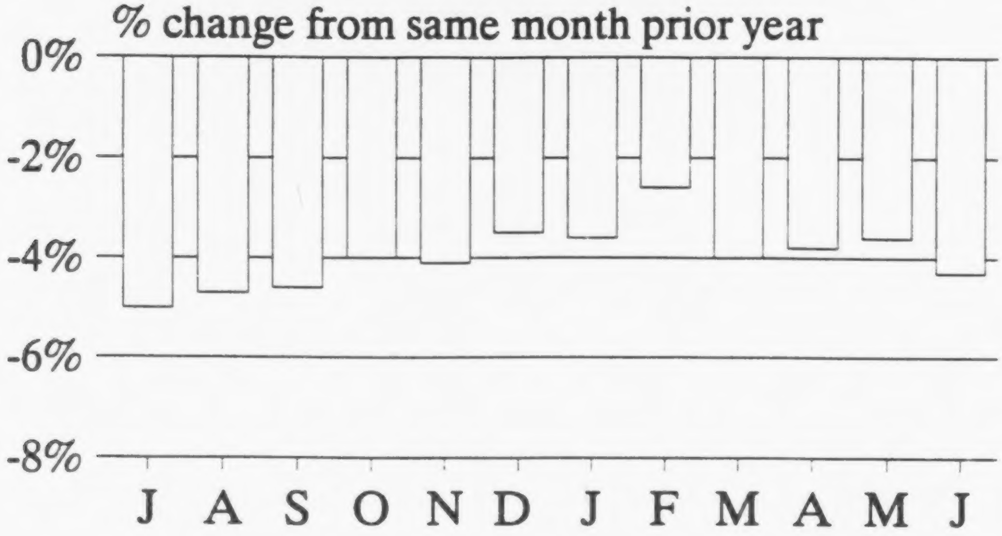
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	**117.4**	**122.0**	**-3.8%**	**118.6**	**-1.0%**
Telephone Equipment	57.6	61.2	-5.9%	58.8	-2.0%
Other	59.8	60.8	-1.6%	59.8	0.0%
All Employees	**229.9**	**240.2**	**-4.3%**	**231.6**	**-0.7%**
Telephone Equipment	104.9	111.7	-6.1%	106.3	-1.3%
Other	125.0	128.5	-2.7%	125.3	-0.2%
Hourly Wage Index	109.8	109.1	0.6%	109.0	0.7%
Annual Sales/Employee	124,185	107,051	16.0%	124,074	0.1%

TELECOMMUNICATIONS PRODUCER PRICE INDEX JULY 1993

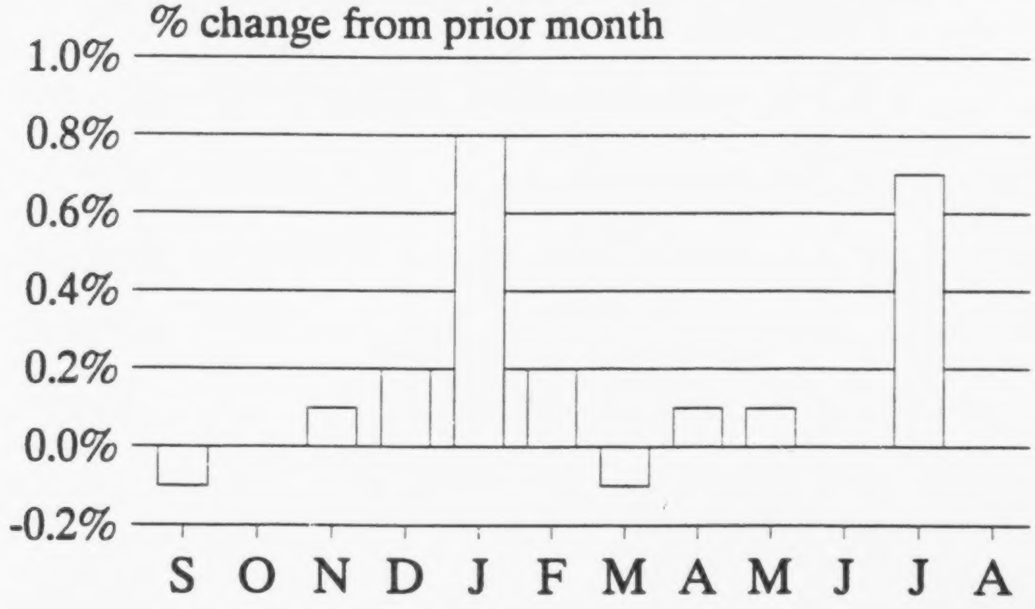
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**105.7**	**103.5**	**2.1%**	**105.6**	**0.0%**
Line Transmission	100.4	98.6	1.9%	100.1	0.4%
Switching Equipment	105.9	104.6	1.2%	105.9	0.0%
Telephone Sets	93.8	94.2	-0.5%	90.2	3.9%
Other Telephone	111.7	102.4	9.1%	111.8	-0.1%
Broadcast Equipment	104.1	103.3	0.8%	103.9	0.2%
Mobile Communications	106.6	104.9	1.7%	106.8	-0.2%
Intercom Systems	102.5	101.2	1.3%	102.4	0.1%
Fiber Optic Cable	100.8	103.9	-3.0%	100.6	0.2%

Telecommunications
All Employees July 1993



Telecommunications
Composite Price Index August 1993



DEFENSE COMMUNICATIONS U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,384**	**2,542**	**-6.2%**	**2,318**	**2,464**	**-5.9%**	**19,417**	**20,176**	**-3.8%**
New Orders	2,749	2,384	15.3%	2,331	1,609	n/a	17,926	16,674	7.5%
Production	2,332	2,406	-3.0%	2,314	2,385	-3.0%	18,973	19,765	-4.0%
Inventory	5,770	5,822	-0.9%	5,902	7,269	-18.8%	n/a	n/a	
Unfilled Orders	33,991	33,788	0.6%	33,381	33,993	-1.8%	n/a	n/a	
Book/Bill Ratio	1.15	0.94	22.9%	1.01	0.65	n/a	n/a	n/a	
Inv/Sales Ratio	2.42	2.29	5.7%	2.55	2.95	-13.7%	n/a	n/a	
Unf/Sales Ratio	14.26	13.29	7.3%	14.40	13.80	4.4%	n/a	n/a	
Prod/Sales Ratio	0.98	0.95	3.4%	1.00	0.97	3.1%	n/a	n/a	

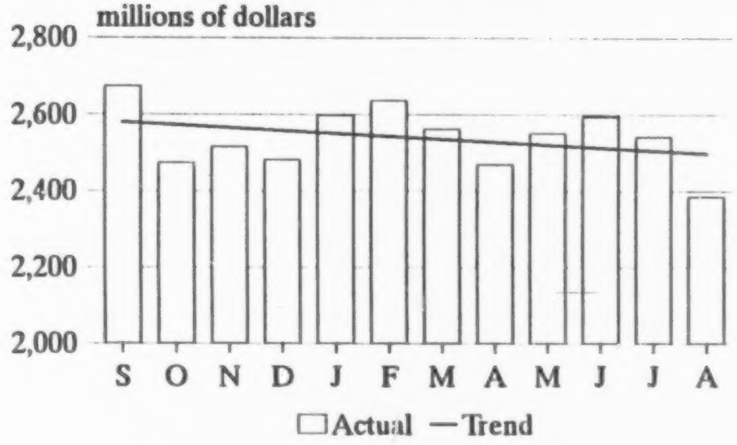
DEFENSE COMMUNICATIONS INDUSTRY SCORECARD

Sales	down	**Factory Sales down 6% in August from prior month, down 4% YTD**
Orders	up	**New Orders up 15% in August, up 8% YTD**
Imports	down	**Imports down 3% from July 1992, down 4% YTD**
Exports	down	**Exports down 22% from July 1992, up 1% YTD**
Employment	down	**Total Employment, down 16% in July from prior year**
Wages	up	**Hourly Wages up 4% from July of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from August 1992**

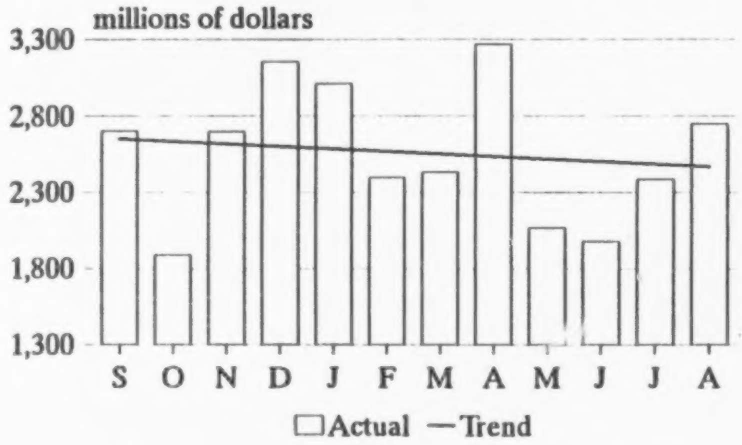
Defense Communications U.S Factory Trends August 1993

(all data seasonally adjusted)

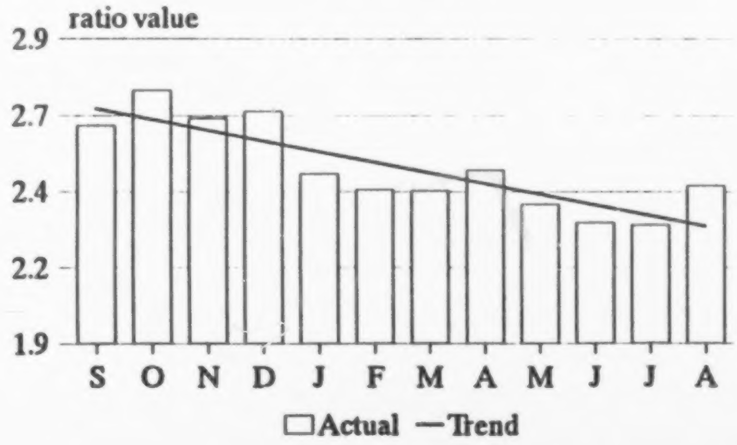
Factory Sales



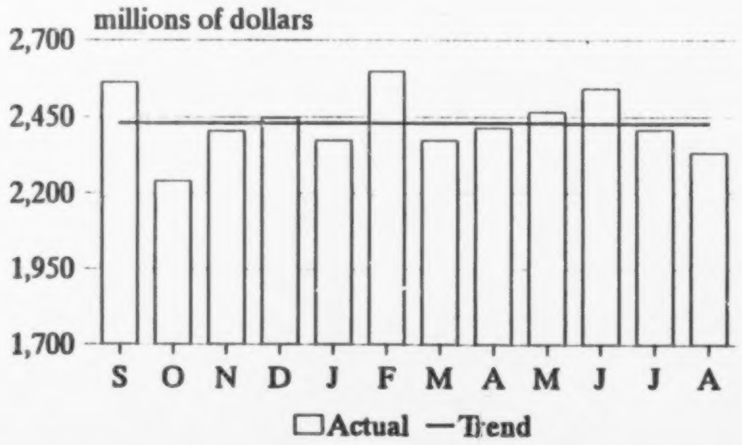
New Orders



Inventory/Sales Ratio



Production



DEFENSE COMMUNICATIONS IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	87	123	-29.3%	90	93	-3.2%	615	639	-3.8%
Exports	204	228	-10.5%	204	260	-21.5%	1,492	1,481	0.7%
Balance	117	105	11.4%	114	167	n/a	877	843	4.1%

DEFENSE COMMUNICATIONS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Canada	109	115	-5.2%	Canada	162	157	3.2%
U.K.	72	82	-12.2%	Japan	146	191	-23.6%
Japan	68	85	-20.0%	U.K.	126	112	12.5%
Taiwan	65	60	8.3%	Germany	111	44	n/a
Mexico	54	52	3.8%	Taiwan	108	76	42.1%
China	54	23	n/a	France	86	114	-24.6%
France	46	67	-31.3%	Netherlands	82	84	-2.4%
Israel	26	23	13.0%	Israel	65	49	n/a
S. Korea	25	27	-7.4%	Saudi Arabia	58	n/a	n/a
Germany	17	37	-54.1%	Egypt	54	84	-35.7%
Other	79	68	16.1%	Other	494	570	-13.4%

DEFENSE COMMUNICATIONS PRODUCT TRADE SUMMARY JULY 1993

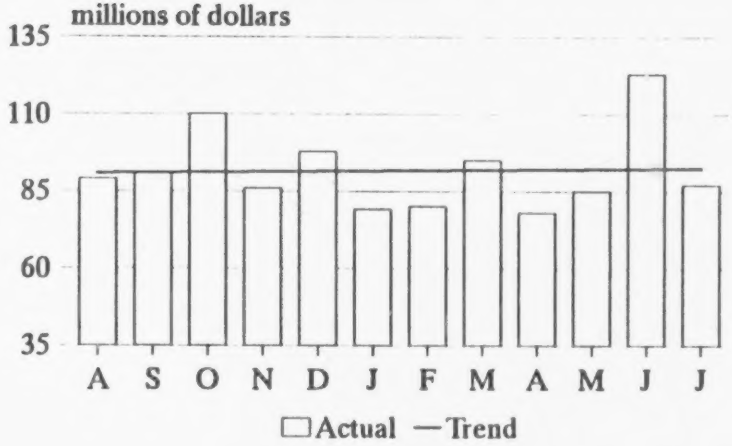
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	27,137	16,702	(10,436)	186,486	119,656	(66,830)
Sound/Sight Signaling App	1,964	8,120	6,157	11,273	43,821	32,548
Radar/Radio Navigational Equip	60,085	177,213	117,127	411,207	1,316,458	905,251
Meteorological/Geophysical App	852	2,179	1,327	4,722	12,259	7,536
Total	**90,039**	**204,214**	**114,175**	**613,689**	**1,492,194**	**878,505**

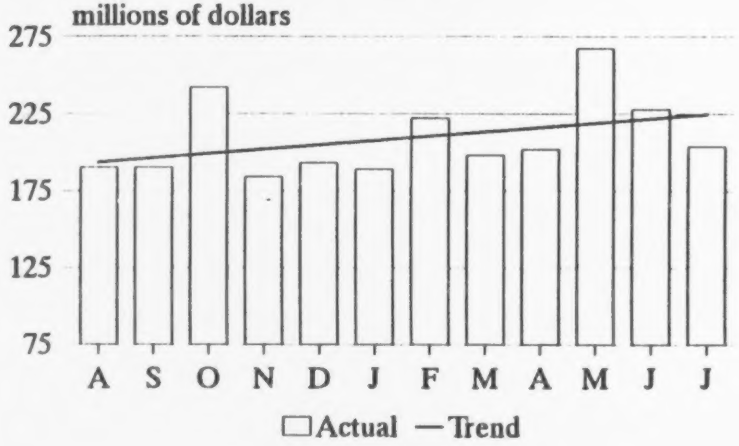
Defense Communications Trade Trends July 1993

(all data seasonally adjusted)

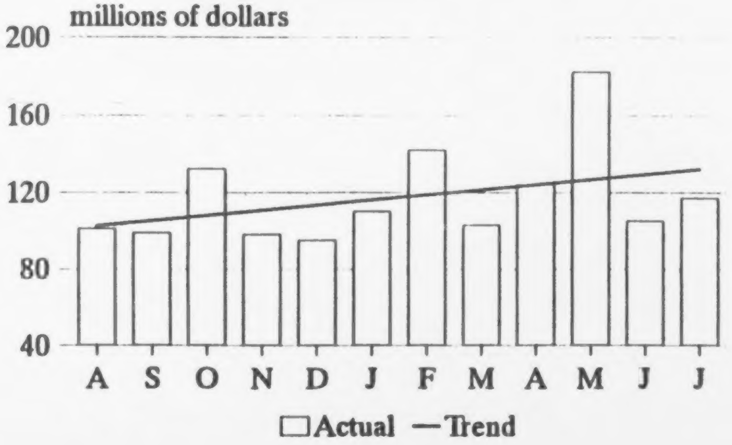
Imports



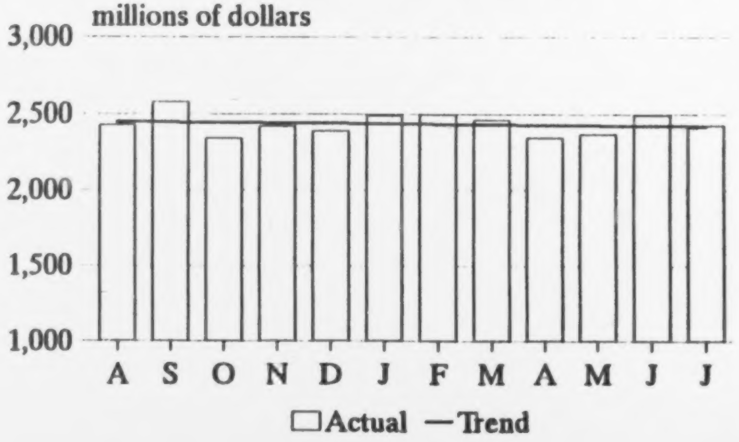
Exports



Balance of Trade



Consumption



DEFENSE COMMUNICATIONS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

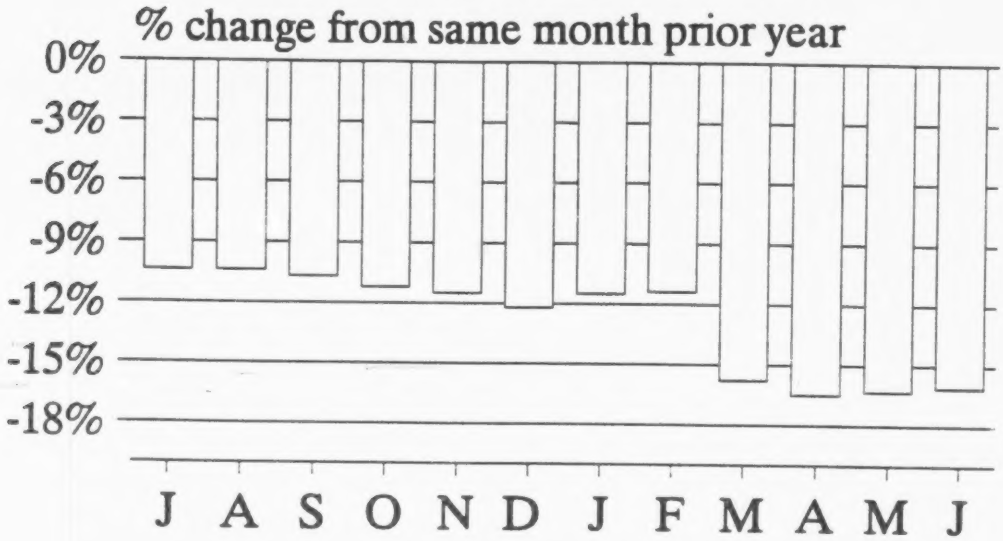
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	62.2	74.4	-16.4%	62.0	0.3%
All Employees	198.7	236.9	-16.1%	200.9	-1.1%
Hourly Wage Index	123.9	118.8	4.3%	123.2	0.6%
Annual Sales/Employee	140,272	131,937	6.3%	138,314	1.4%

DEFENSE COMMUNICATIONS PRODUCER PRICE INDEX AUGUST 1993

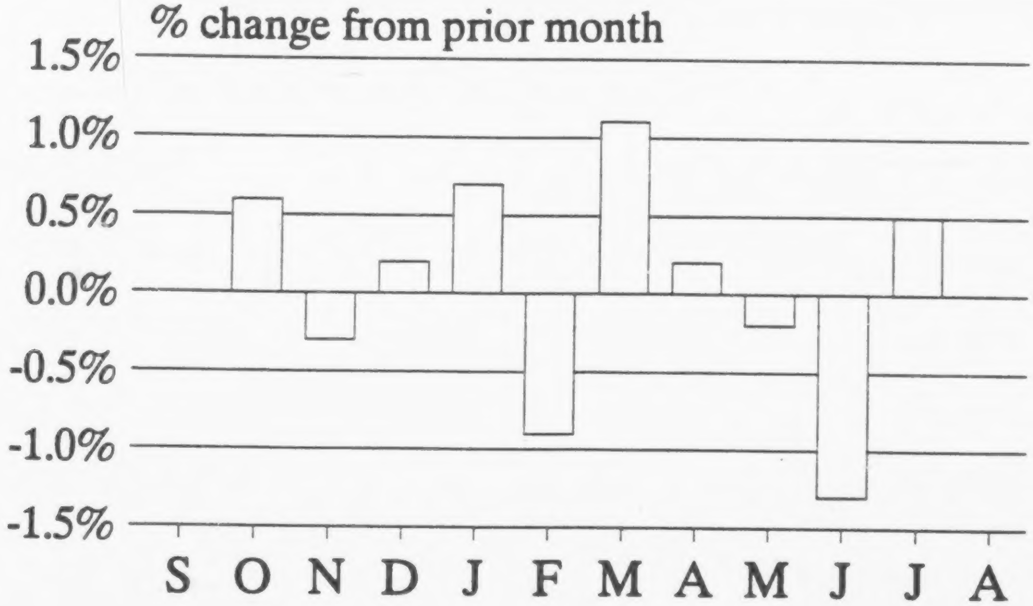
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**99.4**	**98.8**	**0.6%**	**99.4**	**0.0%**
Navigation Systems	104.0	101.9	2.1%	104.0	0.1%
Radar Equipment	102.9	101.8	1.1%	102.9	0.0%
Defense Electronics	94.1	94.6	-0.5%	94.1	0.0%

Defense Communications
All Employees July 1993



Defense Communications
Composite Price Index August 1993



COMPUTER & PERIPHERAL U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**5,528**	**5,456**	**1.3%**	**5,037**	**4,173**	**20.7%**	**40,210**	**34,743**	**15.7%**
New Orders	5,699	5,615	1.5%	5,258	4,513	16.5%	44,994	35,682	26.1%
Production	5,502	5,656	-2.7%	5,439	4,474	21.6%	41,143	35,530	15.8%
Inventory	8,468	8,494	-0.3%	8,382	8,217	2.0%	n/a	n/a	
Unfilled Orders	6,354	6,483	-2.0%	6,519	6,812	-4.3%	n/a	n/a	
Book/Bill Ratio	1.03	1.03	0.2%	1.04	1.08	-3.5%	n/a	n/a	
Inv/Sales Ratio	1.53	1.56	-1.6%	1.66	1.97	-15.5%	n/a	n/a	
Unf/Sales Ratio	1.15	1.19	-3.3%	1.29	1.63	-20.7%	n/a	n/a	
Prod/Sales Ratio	1.00	1.04	-4.0%	1.08	1.07	0.7%	n/a	n/a	

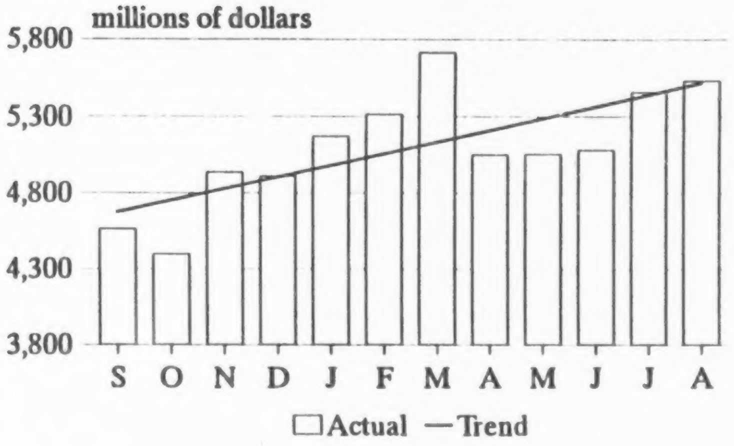
COMPUTER & PERIPHERAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 1% in August from prior month, up 16% YTD**
Orders	up	**New Orders up 2% in August, up 26% YTD**
Imports	up	**Imports up 24% from July 1992, up 24% YTD**
Exports	up	**Exports up 6% from July 1992, up 2% YTD**
Employment	down	**Total Employment, down 8% in July from prior year**
Wages	up	**Hourly Wages up 0.2% from July of last year**
Factory Prices	down	**Composite Producer Price Index down 12% from August 1992**

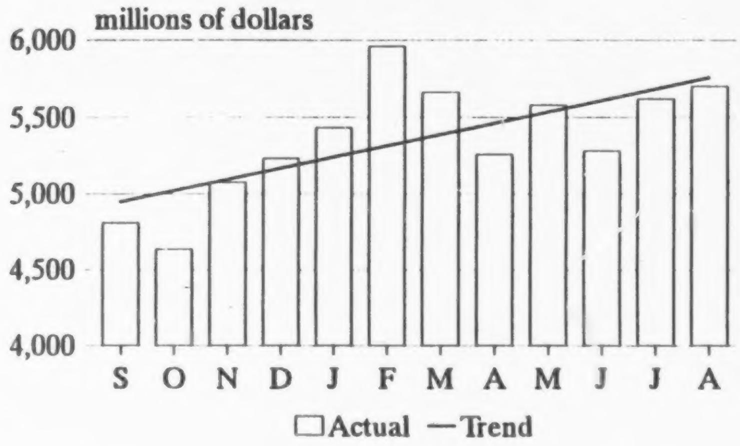
Computers & Peripherals U.S Factory Trends August 1993

(all data seasonally adjusted)

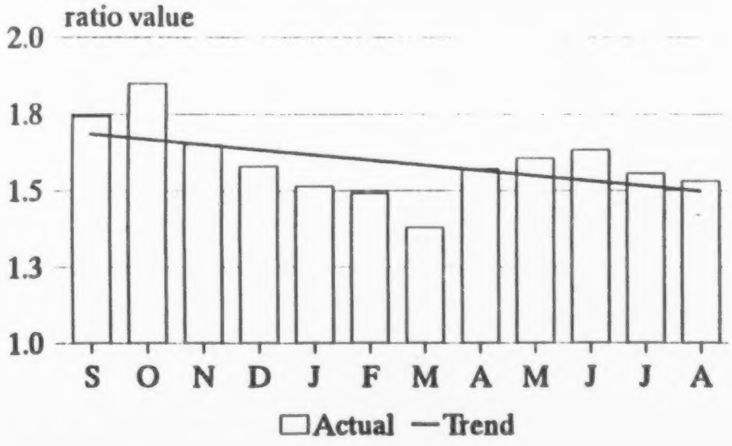
Factory Sales



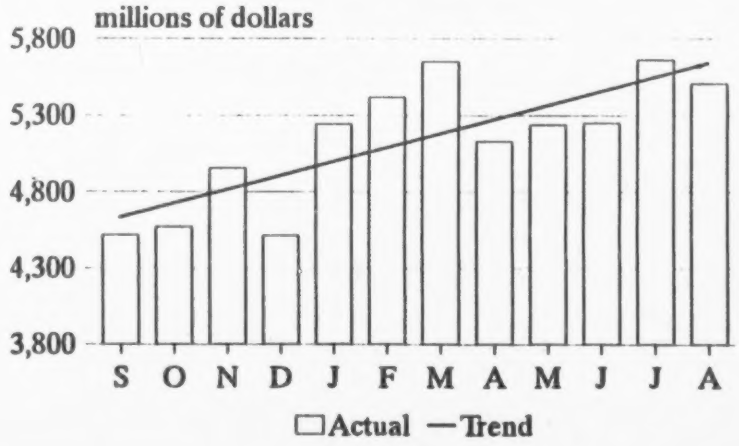
New Orders



Inventory/Sales Ratio



Production



COMPUTER & PERIPHERAL IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	3,373	3,399	-0.8%	3,372	2,729	23.6%	21,430	17,232	24.4%
Exports	2,576	2,471	4.2%	2,369	2,234	6.0%	17,487	17,141	2.0%
Balance	(797)	(928)	-14.1%	(1,003)	(495)	n/a	(3,942)	(91)	n/a

COMPUTER & PERIPHERAL BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	7,341	6,109	20.2%	Canada	2,804	2,642	6.1%
Singapore	3,769	2,837	32.9%	U.K.	1,778	1,732	2.7%
Taiwan	2,725	2,375	14.7%	Japan	1,785	2,119	-15.8%
Canada	1,329	1,204	10.4%	Germany	1,551	1,647	-5.8%
S. Korea	1,222	752	62.5%	Netherlands	1,357	1,076	26.1%
Malaysia	702	462	51.9%	Singapore	937	828	13.2%
Thailand	725	386	n/a	Mexico	807	647	24.7%
U.K.	592	601	-1.5%	France	720	826	-12.8%
Mexico	571	499	14.4%	Australia	573	615	-6.8%
Hong Kong	482	373	29.2%	Hong Kong	430	n/a	n/a
Other	1,972	1,634	20.7%	Other	4,745	5,009	-5.3%

COMPUTER & PERIPHERAL PRODUCT TRADE SUMMARY JULY 1993

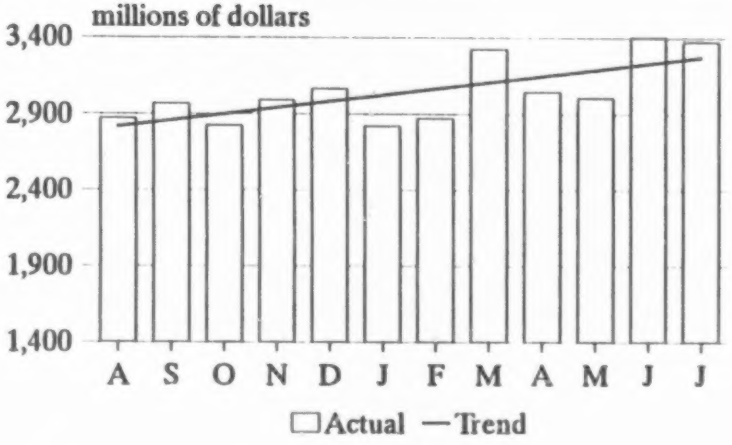
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	487.470	615.211	127.740	3.019.896	4.433.338	1,413,442
Monitors	420.651	62.143	(358.508)	2,712.427	403.168	(2.309.259)
Disk Drives and Blank Media	1.005.059	416.842	(588.218)	6,029.680	3.403.359	(2.626.321)
Printers	281.544	174,782	(106,762)	1,824.675	976.603	(848.072)
Other Computer Peripherals	73.328	88.695	15,367	512.120	647.508	135.388
Other Business Machines/Parts	1.103.908	1.011.089	(92.819)	7.329.433	7.622.990	293.558
Total	**3,371,961**	**2,368,762**	**(1,003,199)**	**21,428,231**	**17,486,966**	**(3,941,264)**

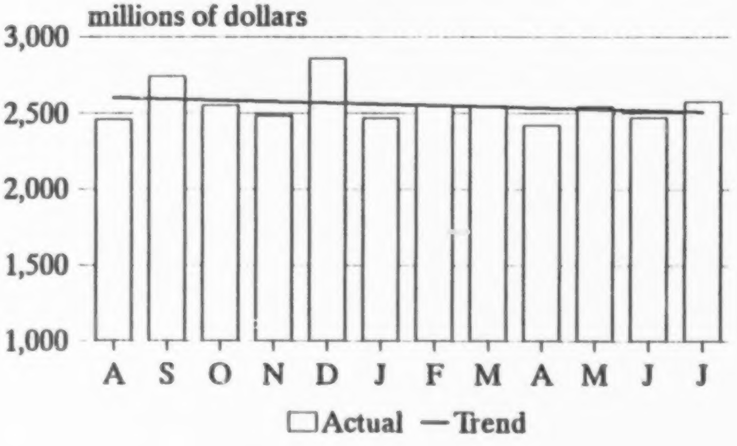
Computers & Peripherals Trade Trends July 1993

(all data seasonally adjusted)

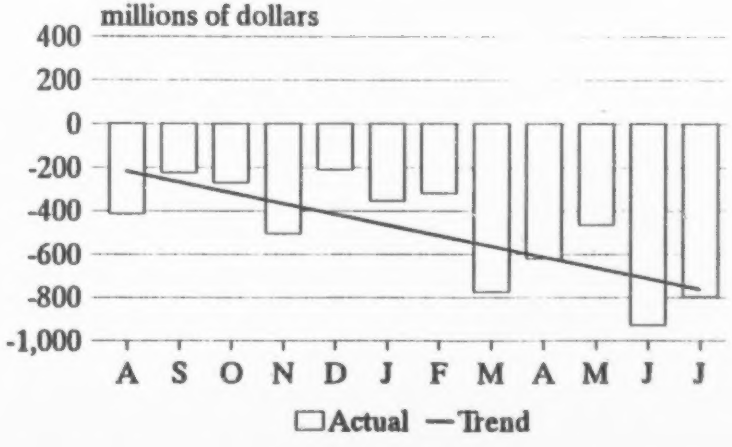
Imports



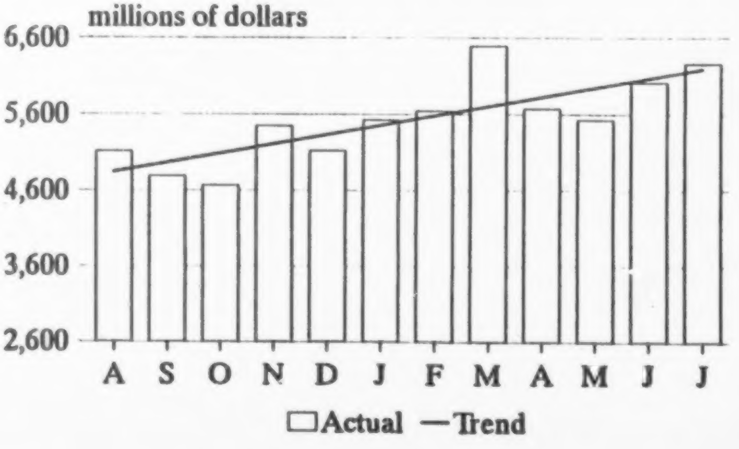
Exports



Balance of Trade



Consumption



COMPUTER & PERIPHERAL EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

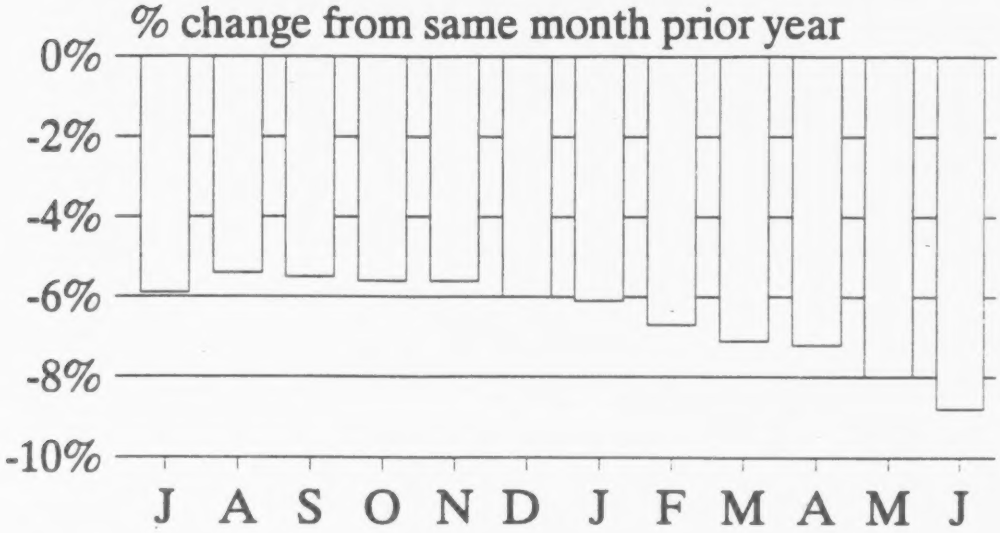
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	**120.3**	**129.2**	**-6.9%**	**120.8**	**-0.4%**
Computers	53.1	61.5	-13.7%	54.0	-1.7%
Other	67.2	67.7	-0.7%	66.8	0.6%
All Employees	**359.5**	**394.1**	**-8.8%**	**361.6**	**-0.6%**
Computers	207.5	242.5	-14.4%	211.0	-1.7%
Other	152.0	151.6	0.3%	150.6	0.9%
Hourly Wage Index	118.1	117.9	0.2%	117.5	0.5%
Annual Sales/Employee	134,726	111,991	20.3%	133,129	1.2%

COMPUTER & PERIPHERAL PRODUCER PRICE INDEX AUGUST 1993

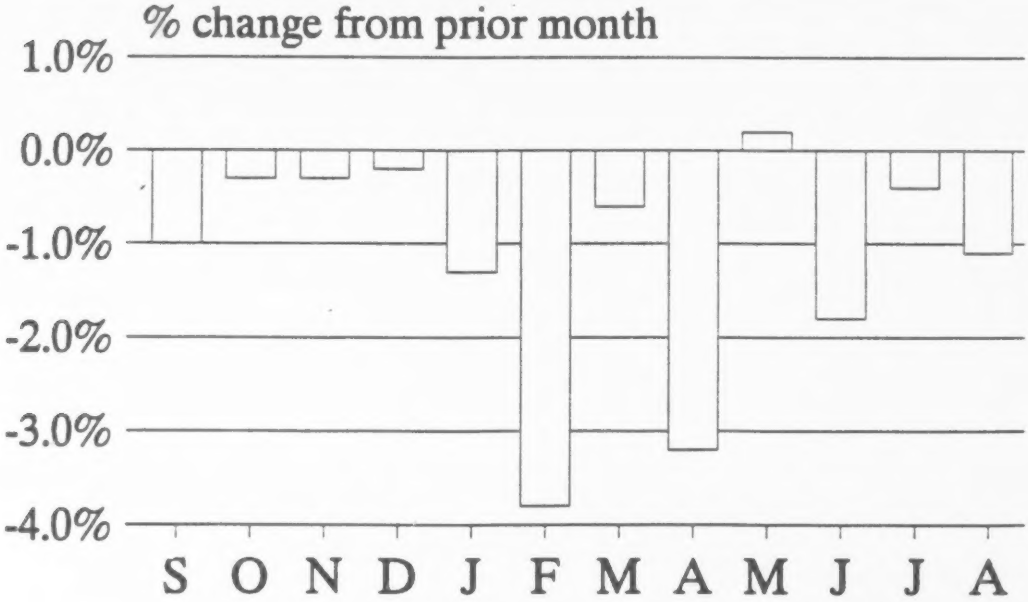
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**64.5**	**74.2**	**-13.0%**	**65.2**	**-1.1%**
Computers	63.8	74.1	-13.9%	65.3	-2.3%
Serial Access Devices	87.1	100.0	n/a	87.1	0.0%
Hard Disks	101.0	101.0	0.0%	101.0	0.0%
Floppy Diskettes	86.4	93.2	-7.3%	87.3	-1.0%

Computers & Peripherals
All Employees July 1993



Computers & Peripherals
Composite Price Index August 1993



INDUSTRIAL ELECTRONICS U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**2,348**	**2,267**	**3.6%**	**2,281**	**2,129**	**7.2%**	**17,623**	**16,957**	**3.9%**
New Orders	2,379	2,381	-0.1%	5,250	2,625	n/a	35,301	19,013	n/a
Production	2,344	2,273	3.1%	2,248	2,042	10.1%	17,145	15,708	9.1%
Inventory	4,630	4,634	-0.1%	2,606	3,381	-22.9%	n/a	n/a	
Unfilled Orders	5,564	5,592	-0.5%	3,288	3,770	-12.8%	n/a	n/a	
Book/Bill Ratio	1.01	1.05	-3.5%	2.30	1.23	n/a	n/a	n/a	
Inv/Sales Ratio	1.97	2.04	-3.5%	1.14	1.59	-28.1%	n/a	n/a	
Unf/Sales Ratio	2.37	2.47	-3.9%	1.44	1.77	-18.6%	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	-0.4%	0.99	0.96	2.7%	n/a	n/a	

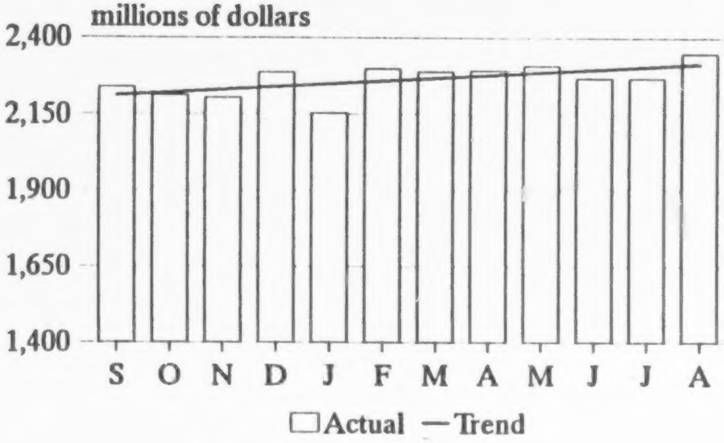
INDUSTRIAL ELECTRONICS INDUSTRY SCORECARD

Sales	up	**Factory Sales up 4% in August from prior month, up 4% YTD**
Orders	down	**New Orders down 0.1% in August. up sharply YTD**
Imports	up	**Imports up 4% from July 1992, up 13% YTD**
Exports	up	**Exports up 8% from July 1992, up 8% YTD**
Employment	down	**Total Employment, down 5% in July from prior year**
Wages	up	**Hourly Wages up 11% from July of last year**
Factory Prices	up	**Composite Producer Price Index up 1% from August 1992**

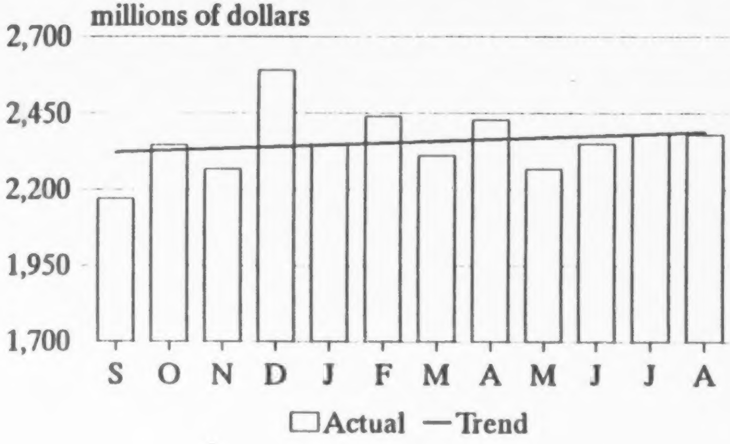
Industrial Electronics U.S Factory Trends August 1993

(all data seasonally adjusted)

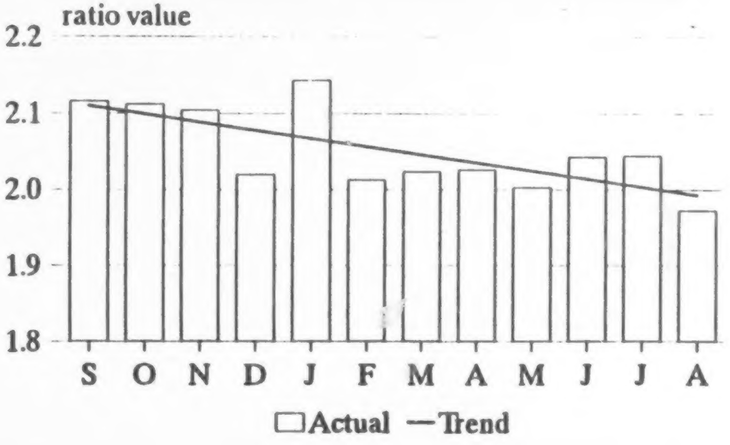
Factory Sales



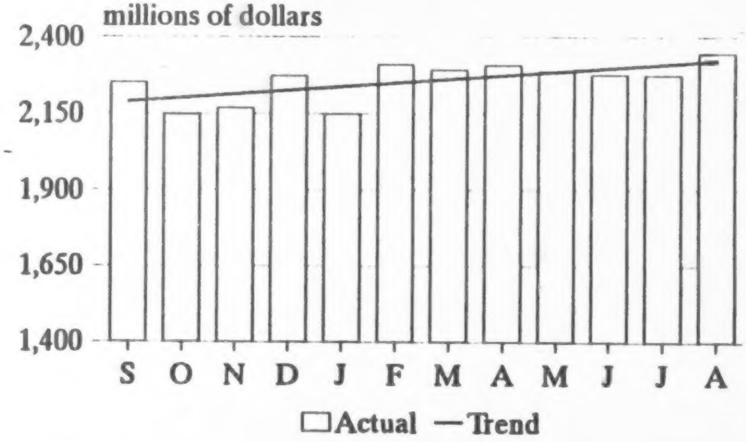
New Orders



Inventory/Sales Ratio



Production



INDUSTRIAL ELECTRONICS IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	280	305	-8.2%	284	273	4.0%	1.895	1.674	13.2%
Exports	667	693	-3.8%	660	609	8.4%	4,672	4.345	7.5%
Balance	387	388	-0.3%	376	336	11.9%	2.777	2,671	4.0%

INDUSTRIAL ELECTRONICS BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	670	445	50.6%	Canada	738	585	26.2%
Canada	231	233	-0.9%	Japan	552	587	-6.0%
Germany	238	200	19.0%	U.K.	329	297	10.8%
U.K.	221	203	8.9%	Germany	324	348	-6.9%
Mexico	113	106	6.6%	Mexico	290	270	7.4%
France	57	65	-12.3%	S. Korea	284	311	-8.7%
Switzerland	54	46	17.4%	France	217	231	-6.1%
Taiwan	38	37	2.7%	Taiwan	220	191	15.2%
Sweden	37	34	8.8%	Singapore	149	121	23.1%
Netherlands	34	46	-26.1%	China	147	n/a	n/a
Other	202	259	-22.2%	Other	1.422	1.404	1.3%

INDUSTRIAL ELECTRONICS PRODUCT TRADE SUMMARY JULY 1993

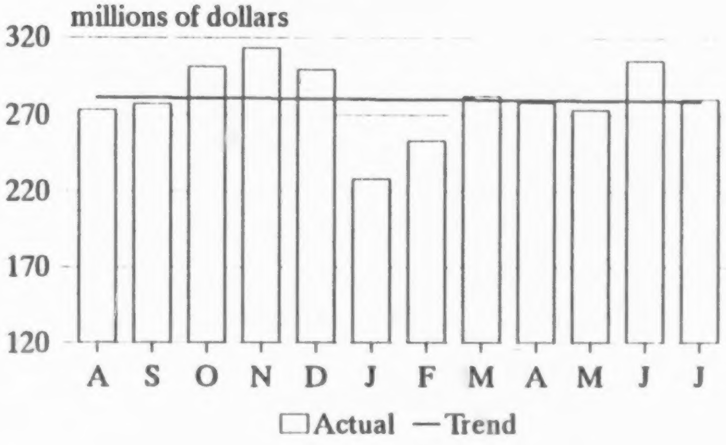
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	16.612	8.236	(8.376)	126.153	53.065	(73.088)
Testing/Analyzing Equip	47.080	167.146	120.065	306.849	1.265.982	959.133
Measuring/Analyzing Equip	68.644	195.808	127.163	488.123	1.452.225	964.102
Process/Control Devices	20.766	50.730	29.964	143.414	368.747	225.333
Other Electronic Machinery	131.133	203.677	72.543	825.318	1.299.894	474.576
Total	**284.236**	**625.595**	**341,359**	**1,889.857**	**4,439.914**	**2.550,056**

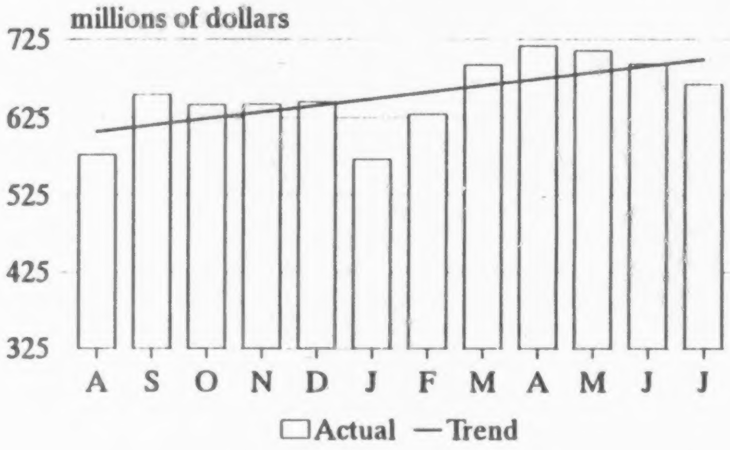
Industrial Electronics Trade Trends July 1993

(all data seasonally adjusted)

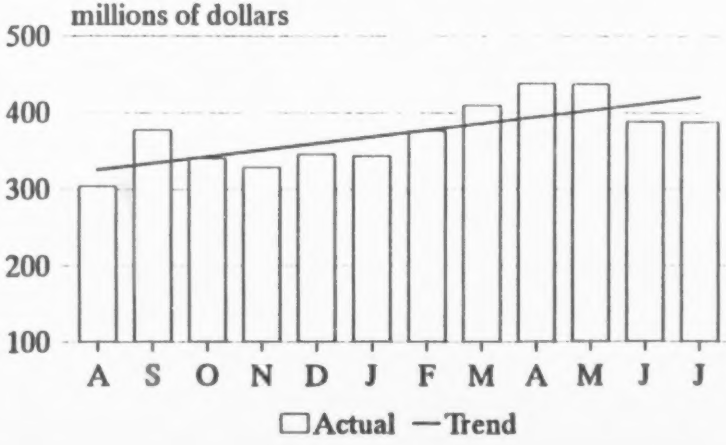
Imports



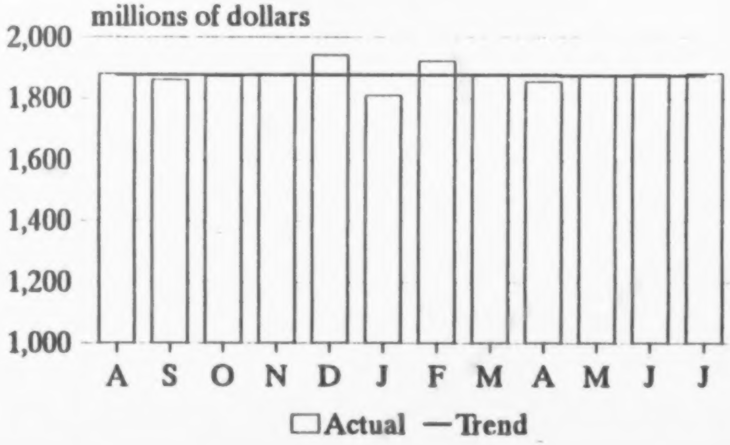
Exports



Balance of Trade



Consumption



INDUSTRIAL ELECTRONICS EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

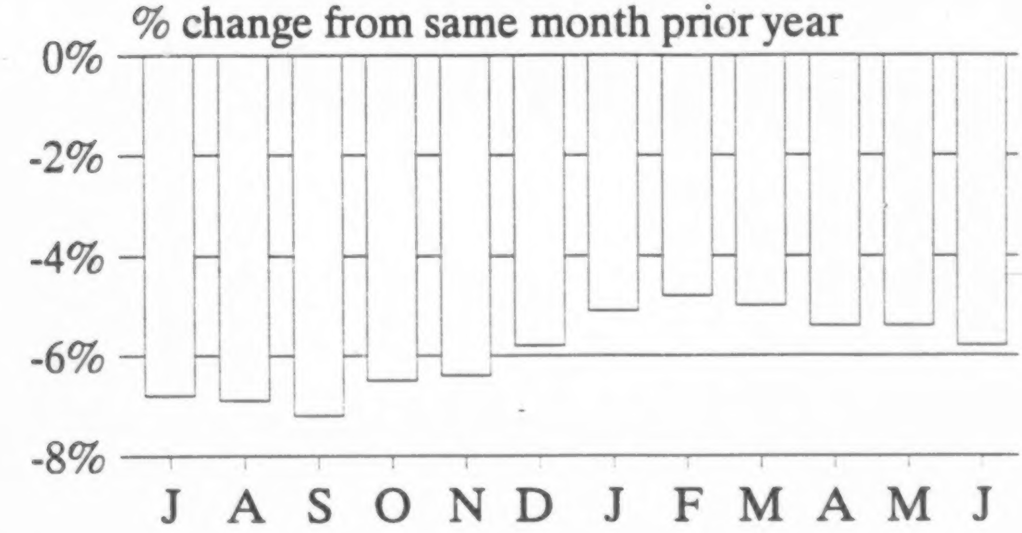
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	**106.7**	**116.2**	**-8.2%**	**108.7**	**-1.8%**
Process Controls	26.2	28.0	-6.4%	27.3	-4.0%
Testing/Measuring	34.0	39.4	-13.7%	34.8	-2.3%
Other	46.5	48.8	-4.7%	46.6	-0.2%
All Employees	**216.7**	**230.1**	**-5.8%**	**218.9**	**-1.0%**
Process Controls	55.8	58.6	-4.8%	56.8	-1.8%
Testing/Measuring	71.8	80.1	-10.4%	72.7	-1.2%
Other	89.1	91.4	-2.5%	89.4	-0.3%
Hourly Wage Index	129.4	116.7	10.8%	130.4	-0.8%
Annual Sales/Employee	121,165	109,656	10.5%	120,081	0.9%

INDUSTRIAL ELECTRONICS PRODUCER PRICE INDEX AUGUST 1993

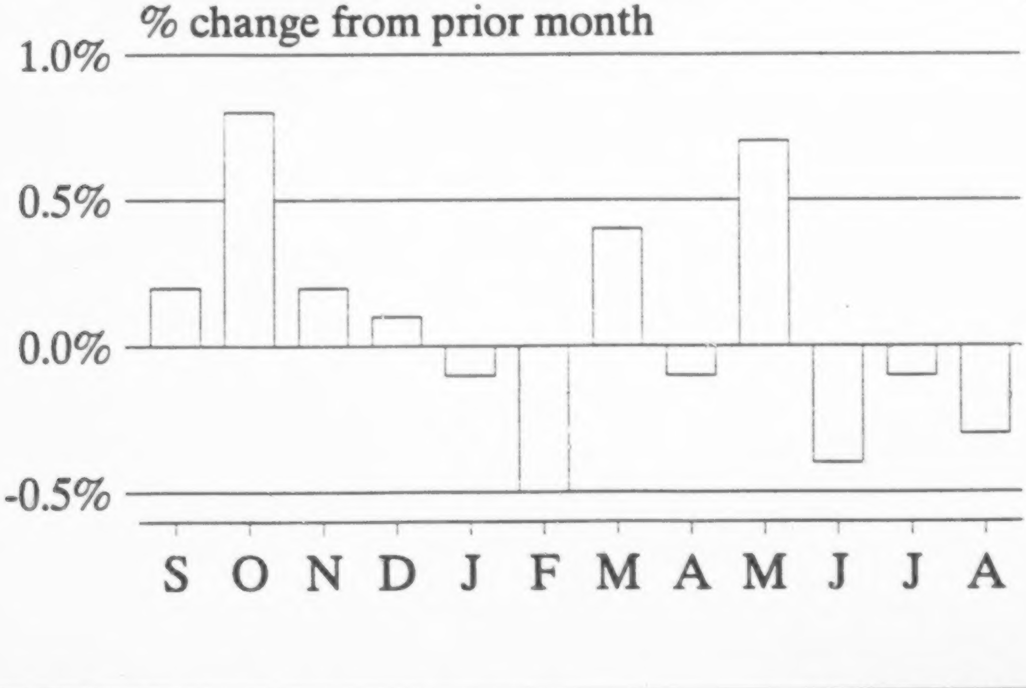
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**104.0**	**103.0**	**0.9%**	**104.3**	**-0.3%**
Testing/Measuring	102.6	102.0	0.7%	103.2	-0.5%
Nuclear Radiation	105.6	103.6	1.8%	105.6	0.0%
Process Controls	105.7	103.2	2.4%	106.0	-0.2%
Other Equipment	104.4	104.5	-0.1%	104.5	-0.1%

Industrial Electronics
All Employees July 1993



Industrial Electronics
Composite Price Index August 1993



ELECTROMEDICAL U.S. FACTORY SUMMARY AUGUST 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Aug-93	Jul-93	% ch.	Aug-93	Aug-92	% ch.	YTD-93	YTD-92	% ch.
Factory Sales	**680**	**651**	**4.4%**	**655**	**620**	**5.5%**	**5,158**	**5,153**	**0.1%**
New Orders	644	665	-3.1%	618	732	-15.5%	5,052	5,137	-1.7%
Production	680	648	4.9%	654	631	3.6%	5,189	5,227	-0.7%
Inventory	1,422	1,422	0.0%	1,430	1,419	0.8%	n/a	n/a	
Unfilled Orders	1,786	1,822	-2.0%	1,785	1,841	-3.0%	n/a	n/a	
Book/Bill Ratio	0.95	1.02	-7.2%	0.94	1.18	-19.9%	n/a	n/a	
Inv/Sales Ratio	2.09	2.18	-4.2%	2.18	2.29	-4.5%	n/a	n/a	
Unf/Sales Ratio	2.63	2.80	-6.1%	2.73	2.97	-8.1%	n/a	n/a	
Prod/Sales Ratio	1.00	1.00	0.5%	1.00	1.02	-1.8%	n/a	n/a	

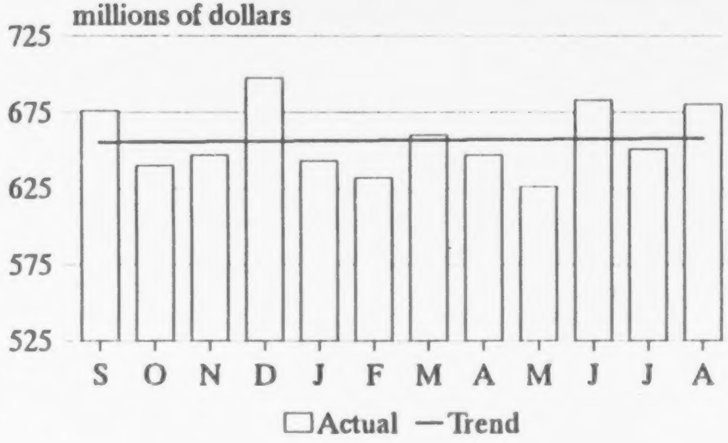
ELECTROMEDICAL INDUSTRY SCORECARD

Sales	up	**Factory Sales up 4% in August from prior month, down 0.1% YTD**
Orders	down	**New Orders down 3% in August, down 2% YTD**
Imports	up	**Imports up 1% from July 1992, up 5% YTD**
Exports	down	**Exports up 3% from July 1992, up 7% YTD**
Employment	down	**Total Employment, down 3% in from July prior year**
Wages	down	**Hourly Wages unchanged from July of last year**
Factory Prices	down	**Composite Producer Price Index down 0.2% from August 1992**

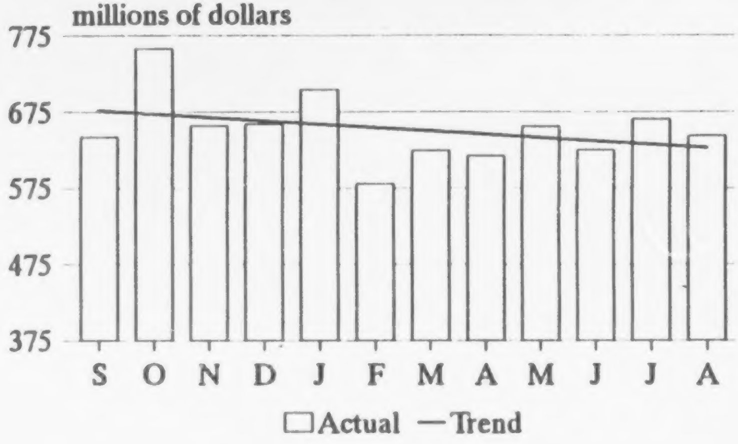
Electromedical Equipment U.S Factory Trends August 1993

(all data seasonally adjusted)

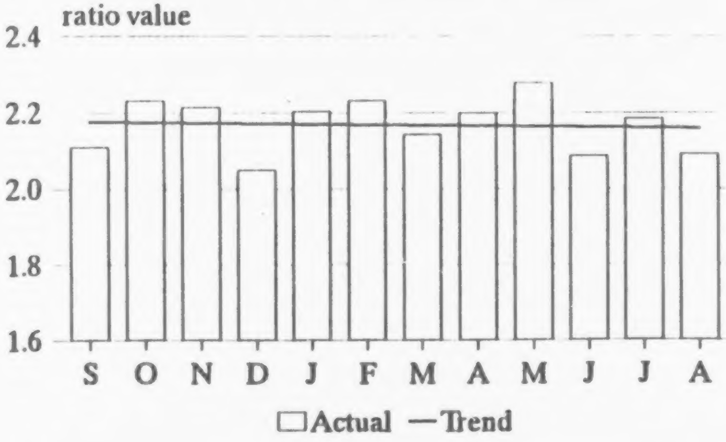
Factory Sales



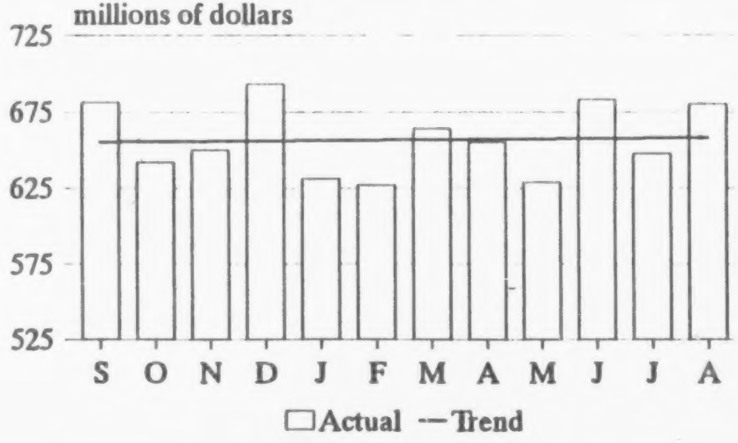
New Orders



Inventory/Sales Ratio



Production



ELECTROMEDICAL IMPORT/EXPORT TRADE SUMMARY JULY 1993

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul-93	Jun-93	% ch.	Jul-93	Jul-92	% ch.	YTD-93	YTD-92	% ch.
Imports	185	203	-8.9%	203	202	0.5%	1,343	1,279	5.0%
Exports	281	303	-7.3%	271	278	-2.5%	2,087	1,952	6.9%
Balance	96	100	-4.0%	68	76	-10.5%	744	673	10.6%

ELECTROMEDICAL BILATERAL TRADE SUMMARY JULY 1993

(not seasonally adjusted millions of dollars)

Year-to-Date

	Imports				Exports		
	Jul-93	Jul-92	% ch.		Jul-93	Jul-92	% ch.
Japan	414	400	3.5%	Japan	318	271	17.3%
Germany	395	389	1.5%	Germany	276	291	-5.2%
Netherlands	109	93	17.2%	Canada	177	170	4.1%
France	88	81	8.6%	Netherlands	152	159	-4.4%
Mexico	61	59	3.4%	France	124	107	15.9%
U.K.	46	47	-2.1%	U.K.	100	108	-7.4%
Israel	26	19	36.8%	Mexico	87	68	27.9%
Singapore	27	n/a	n/a	Australia	72	60	20.0%
Sweden	19	n/a	n/a	Belgium	65	n/a	n/a
Canada	19	18	5.6%	S. Korea	60	41	n/a
Other	139	173	-19.5%	Other	656	677	-3.0%

ELECTROMEDICAL PRODUCT TRADE SUMMARY JULY 1993

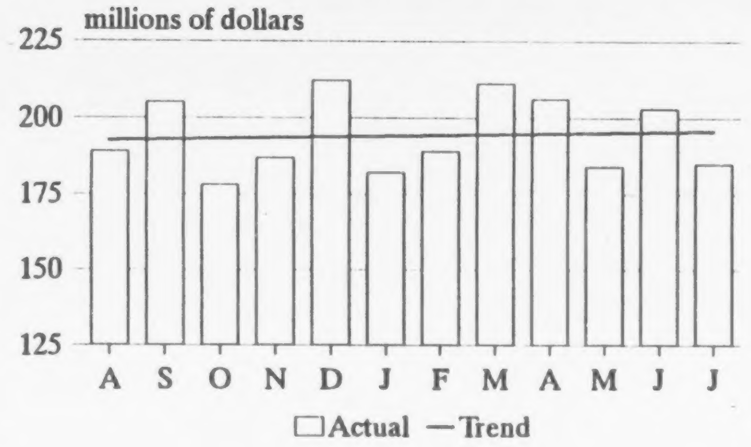
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equip	108.467	201.963	93.496	723,101	1.561.552	838,450
X-Ray and Related Equip	94.171	69.114	(25.057)	619.583	526.033	(93.550)
Total	**202,638**	**271,077**	**68,439**	**1,342,684**	**2,087,584**	**744,901**

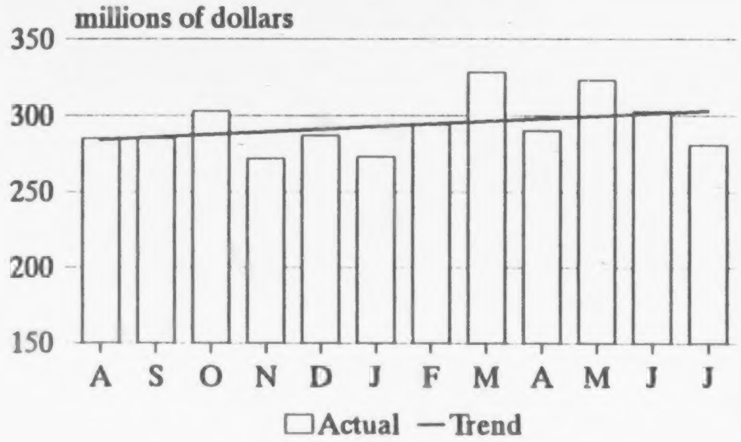
Electromedical Equipment Trade Trends July 1993

(all data seasonally adjusted)

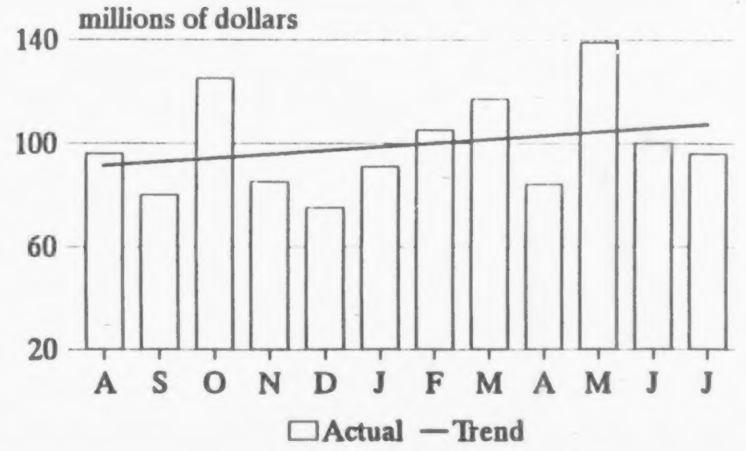
Imports



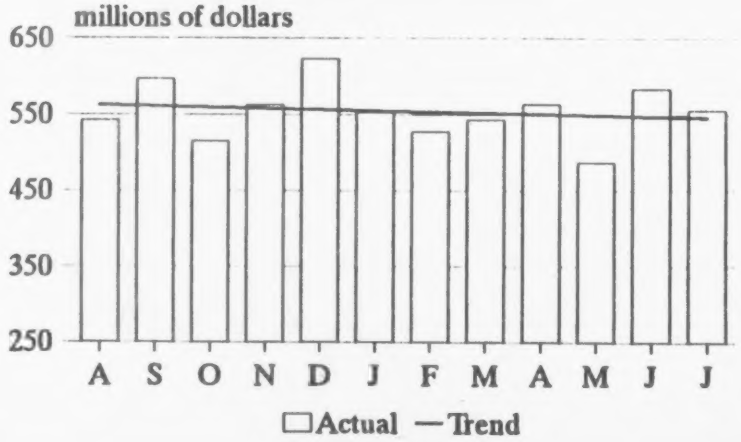
Exports



Balance of Trade



Consumption



ELECTROMEDICAL EMPLOYMENT SUMMARY JULY 1993

(thousands of workers, hourly wage index 1/88=100)

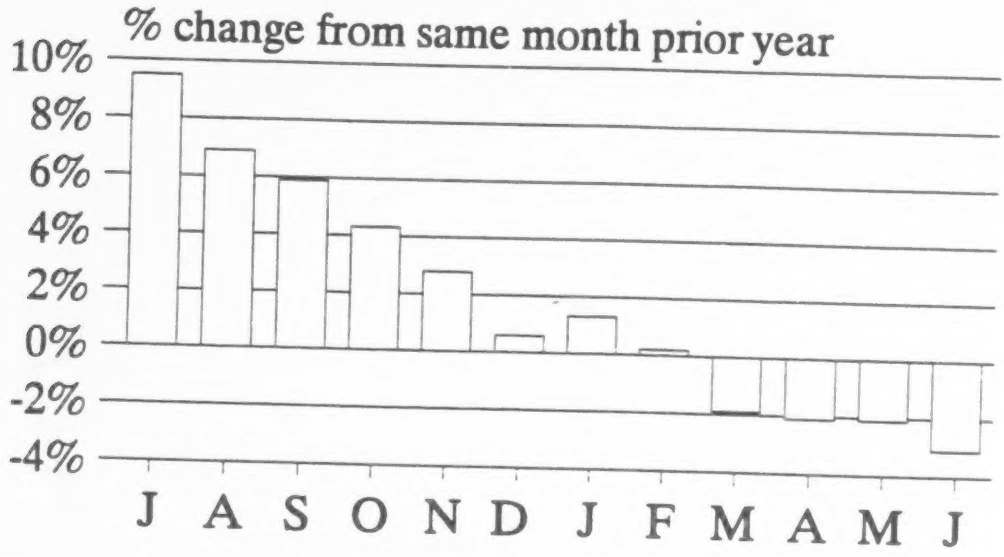
	Not Seasonally Adjusted				
	Jul-93	Jul-92	% ch.	Jun-93	% ch.
Production Workers	18.7	19.8	-5.6%	19.4	-3.6%
All Employees	46.9	48.4	-3.1%	47.4	-1.1%
Hourly Wage Index	120.9	120.9	0.0%	120.9	0.0%
Annual Sales/Employee	163,076	165,545	-1.5%	162,923	0.1%

ELECTROMEDICAL PRODUCER PRICE INDEX AUGUST 1993

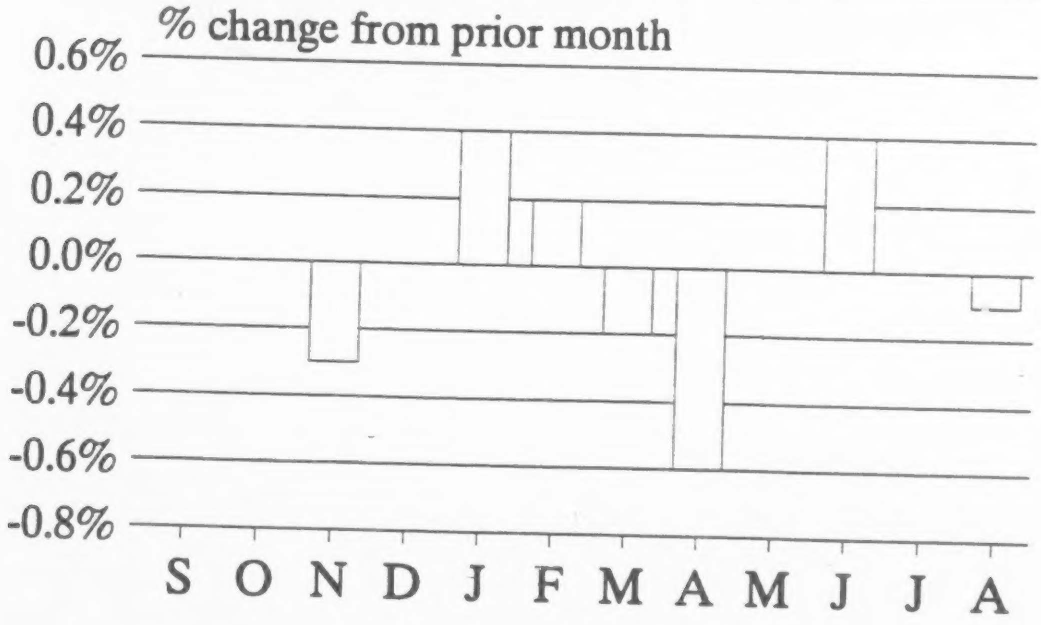
(12/90=100)

	Not Seasonally Adjusted				
	Aug-93	Aug-92	% ch.	Jul-93	% ch.
Composite Index	**102.2**	**102.4**	**-0.2%**	**102.2**	**-0.1%**
Irradiation Equipment	102.6	101.9	0.7%	102.6	0.0%
Diagnostic/Monitoring	101.3	102.7	-1.3%	101.4	-0.1%
Electrotherapeutic	104.0	102.3	1.7%	104.2	-0.2%

Electromedical Equipment All Employees July 1993



Electromedical Equipment Composite Price Index August 1993

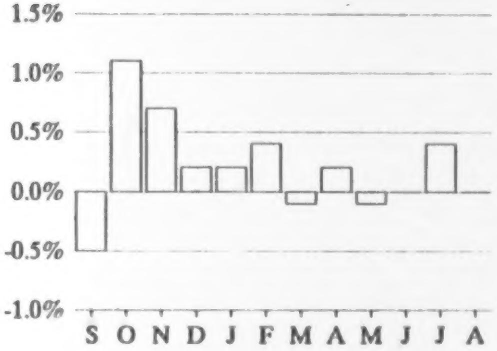


Economic Data Bank - As of October 6, 1993

	Current Period	Previous Period	Year Ago
	Aug-93	Jul-93	Aug-92
Capacity Utilization (% utilized)	**81.8**	**81.8**	**79.7**
	Sep-93	Aug-93	Sep-92
Consumer Confidence (Index 1985=100)	**62.6**	**59.3**	**52.4**
	2nd Qtr	1st Qtr	2nd Qtr
Gross Domestic Product (billions 1987 $)	**5,102.1**	**5,078.2**	**4,956.5**
	2nd Qtr	1st Qtr	2nd Qtr
Gross National Product (billions 1987 $)	**5,104.1**	**5,080.7**	**4,962.2**
	2nd Qtr	1st Qtr	2nd Qtr
Government Purchases (billions 1987 $)	**941.1**	**931.3**	**934.2**
	Aug-93	Jul-93	Aug-92
Industrial Production (Index 1987=100)	**111.1**	**110.9**	**106.6**
	Aug-93	Jul-93	Aug-92
Housing Starts (annual rate 000's)	**1,323**	**1,227**	**1,229**
	Aug-93	Jul-93	Aug-92
Leading Economic Indicators (Index 1987=100)	**153.1**	**151.6**	**148.6**
	Sep-93	Aug-93	Sep-92
90-Day T-Bill Rate (%)	**2.96**	**3.05**	**2.97**
	Sep-93	Aug-93	Sep-92
Prime Rate (%)	**6.00**	**6.00**	**6.00**
	Aug-93	Jul-93	Aug-92
Unemployment Rate (% of labor force)	**6.7**	**6.8**	**7.5**
	Aug-93	Jul-93	Aug-92
Real Money Supply M-2 (billions 1987 $)	**2,346.3**	**2,351.3**	**2,378.3**
	Aug-93	Jul-93	Aug-92
Retail Sales (billions of dollars)	**173.5**	**173.1**	**163.2**
	Aug-93	Jul-93	Aug-92
Disposable Personal Income (billions 1987 $)	**3,717.7**	**3,673.6**	**3,628.4**
	Aug-93	Jul-93	Aug-92
Auto Sales (annual rate millions)	**8.6**	**8.6**	**8.1**
	Aug-93	Jul-93	Aug-92
Personal Savings Rate (% of income)	**4.1**	**3.7**	**4.9**
	Aug-93	Jul-93	Aug-92
CPI-U All Items (Index 1982-84=100)	**144.8**	**144.4**	**140.9**
	Aug-93	Jul-93	Aug-92
PPI Finished Goods (Index 1982-84=100)	**124.3**	**125.1**	**123.6**
	Jun-93	May-93	Jun-92
Balance of Trade (billions of dollars)	**(10.3)**	**(12.1)**	**(12.2)**

Capacity Utilization

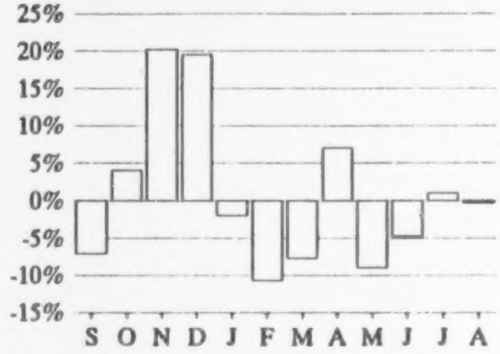
(percent change from previous month)



Source: Federal Reserve Board

Consumer Confidence Index

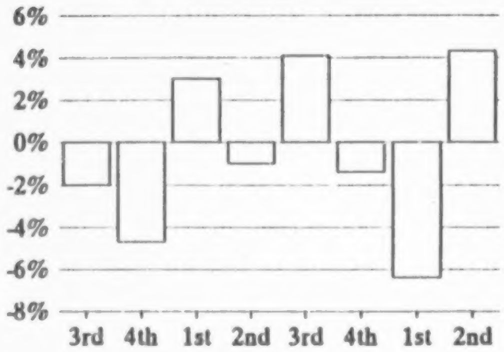
(percent change from previous month)



Source: Conference Board

Government Purchases

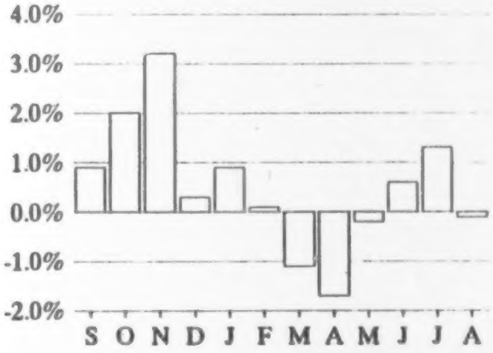
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

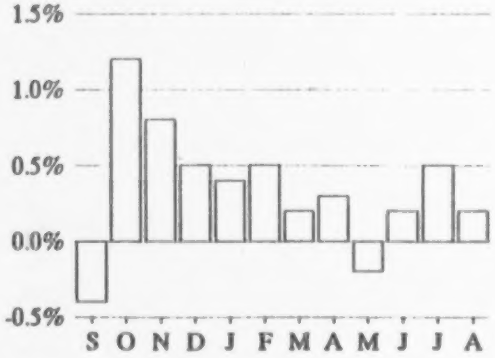
(percent change from previous month)



Source: Federal Reserve Bank of Atlanta

Industrial Production

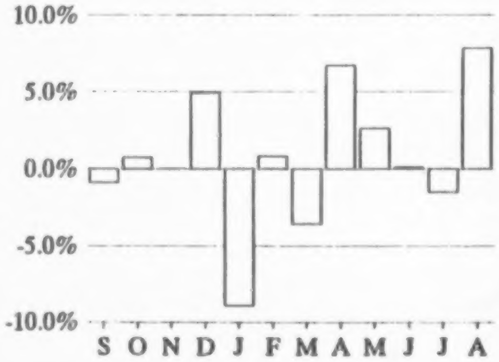
(percent change from previous month)



Source: Federal Reserve Board

Housing Starts

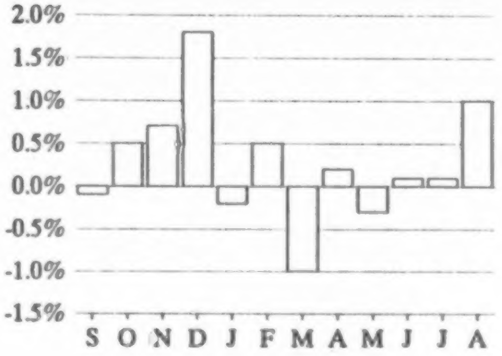
(percent change from previous month)



Source: Department of Commerce

Leading Economic Indicators

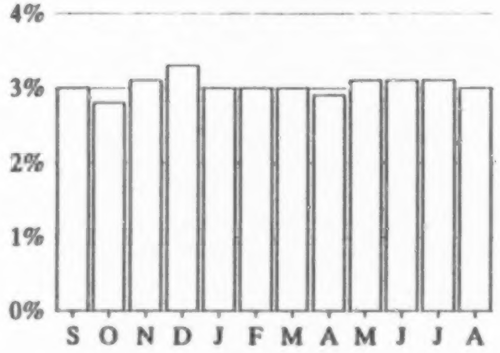
(percent change from previous month)



Source: Federal Reserve Board

90 Day T-Bill Rate

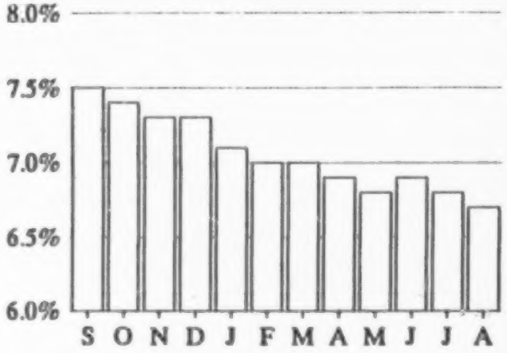
(interest rate)



Source: Conference Board

Unemployment Rate

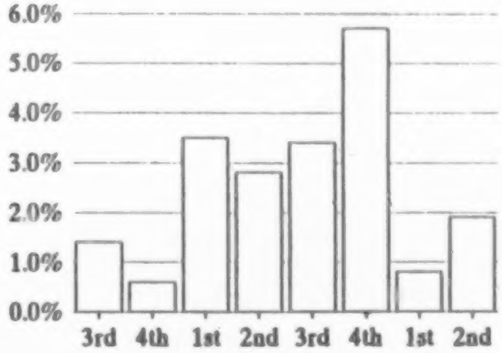
(precent of civilian laborforce)



Source: Department of Commerce

Real GDP

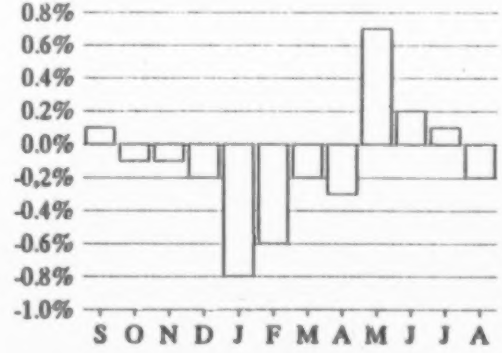
(quarter vs. previous quarter)



Source: Department of Commerce

Real Money Supply M-2

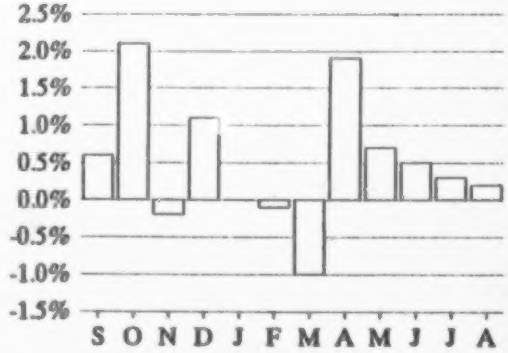
(percent change from previous month)



Source: Department of Commerce

Retail Sales

(percent change from previous month)



Source: Department of Commerce

Endnotes:

Total factory sales on page 1, represent total sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

The U.S. Electronics Industry Composite Producer Price Index is a weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications, equipment, defense communications equipment, computers & peripheral equipment, industrial electronics, and electromedical equipment.

All import data is imports for consumption at customs value.

All export data is total exports = reexports + exports from domestic production.

Sources:

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Data - Bureau of Labor Statistics, EIA Marketing Services

EIA Marketing Services Department Publications

Electronic Market Data Book

This statistical yearbook of the U.S. electronic industries can help you instantly locate facts and figures for virtually every aspect of this rapidly changing industry, including: consumer electronics, computers & peripherals, electronic components, government electronics, industrial & electromedical electronics, telecommunications & defense-related communications equipment, and international electronics.

Product sections include U.S. Sales/Shipments, Trade Trends, and Economic Data. Packed with visuals to allow you to quickly assess the industry, the **Electronic Market Data Book** provides information to help pinpoint growing markets and spot trends. For over 40 years, electronics firms, financial institutions, special libraries, consulting firms and research houses have relied on the **Electronic Market Data Book** to provide the most up- to-date and reliable data available. A table of contents from the **Electronic Market Data Book** is available free on request.

Electronics Foreign Trade

Designed for rapid and accurate identification of import and export trends, this monthly statistical report features:

- Monthly and year-to-date import and export figures for over 300 electronic products by unit sales and dollar volume.
- Balance-of-Trade for the U.S. electronics industry by product group.
- Top 10 foreign markets for U.S. electronics
- Top 10 foreign suppliers of electronic products to the U.S.
- Top 10 data contain year-to-date statistics for over 300 electronic products by unit sales and dollar volume.
- Bilateral electronics trade data for the top 10 U.S. electronics trade partners.
- Import statistics for articles traded under Generalized System of Preferences (GSP) by product group.

Electronic Market Trends

The monthly authoritative source for economic information and analysis on the U.S. electronics industry, including coverage of shipments, trade, employment, imports, exports, key economic indicators, and producer and consumer price indices. Tables and graphs are supplemented with summary trend interpretation.

Fast Facts Packets

Fast Facts information packets offer current market overviews on some of the Research Center's most "popular" topics, including: Camcorders, CD Players, Digital Equipment, and Home Theater.

Consumer Electronics U.S. Sales

This semi-annual publication provides current and historical unit and dollar sales data for most Consumer Electronic product categories (audio, video, home information, accessories, blank media, and batteries) and total factory sales for the industry. In addition, data is included regarding trends in other Consumer Electronic product categories and household penetration rates.

International Electronics Contacts

More than 700 information sources on over 70 countries are listed in this directory. You can find specific contact names, get sources for trade leads, and learn where to go for export help.

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